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# DIRECTORY OF EXTRAMURAL RESEARCH & DEVELOPMENT PROJECTS APPROVED FOR FUNDING BY SELECTED CENTRAL GOVERNMENT AGENCIES/DEPARTMENTS DURING 1992-93

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Government of India
Ministry of Science and Technology
Department of Science and Technology
New Delhi-110016

December 1993

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# DIRECTORY OF EXTRAMURAL R & D PROJECTS

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गुरुकुल कांगड़ी विश्वविद्यालय
कृपया पुस्तक के ऊपर कोई निशान आदि
न लगायें।

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पुस्तकालय
गुरुकुल काँगड़ी विश्वविद्यालय, हरिद्वार

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वर्ग संख्या.....  आगत संख्या 102544

पुस्तक-विवरण की तिथि नीचे अंकित है। इस तिथि सहित ३०वें दिन तक यह पुस्तक पुस्तकालय में वापिस आ जानी चाहिए अन्यथा ५० पैसे प्रति दिन के हिसाब से विलम्ब-दण्ड लगेगा।

EXTRAMI

SELECTED

PROJECTS

PARTMENTS

Stock Verification-2024

Government of India
Ministry of Science and Technology
Department of Science and Technology
New Delhi-110016

December 1993

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# FOREWORD

The Department of Science and Technology (DST) has been collating information on extramural research and development (R&D) projects funded by various Central Government Departments/ Agencies. Thanks to this effort, the Department has been bringing out annually a directory of extramural research and development projects funded during the year.

The present directory, third in the series, contains information on 1,420 R&D projects approved for funding by 17 Central Government Departments/Agencies during the year 1992-93. Based on suggestions received from various users we have incorporated more analysis on the pattern of funding under the head 'Brief Analysis'. The listing of projects is arranged as per major subject areas of science and technology. For reference, index on principal investigator and institute are appended. The address of the funding agencies is given at Annexure 1 and institute-wise number of projects and its approved cost are given at Annexure 2.

Since the listing is based on the inputs received from the responding agencies, it was presumed that the information furnished by them was complete. I hope that this directory will serve as a useful source of information for scientists, technologists, funding agencies, implementing institutions, planners and policy makers. We earnestly seek from users of this directory their comments on the content and presentation of the directory.

The Department of Science and Technology is grateful to all the concerned Central Government Departments/Agencies for making available the list of R&D projects funded by them without which it would not have been possible for DST to bring out this directory. The Department gratefully solicits their continued cooperation. We are also thankful to all those who have sent their valuable suggestions on the previous issue of the directory which helped us improving the directory.

The Directory, and all related survey work, has been done by a team comprising of Shri D. George, Ms. Namita Gupta and Shri S.K. Choudhary under the overall guidance of Dr. (Mrs.) A.R. Rajeswari. The data entry and other support services have been rendered in-house by the staff attached to the team.

P. Rama Rao

**(P. Rama Rao)**
Secretary to the Government of India
Department of Science and Technology

New Delhi
December, 1993

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# ABOUT THE DIRECTORY

## INTRODUCTION

With a view to exchange information on Research and Development (R&D) projects for the benefit of different interest groups, the National Science & Technology Management Information System (NSTMIS) of the Department of Science and Technology (DST) has been compiling information annually on extramural (also called sponsored) R&D projects approved by major central funding agencies. Besides maintaining a computerised database on R&D projects from 1985-86 onwards, the department publishes annually a directory of extramural research and development projects approved by various agencies during the year. The present directory, third in the series, gives details of 1420 sponsored R&D projects approved during the year 1992-93 by 17 Central Government departments/agencies.

The Central Government departments/agencies which furnished the list of projects approved by them and included in this directory are as under:

- Department of Atomic Energy
- Department of Bio-Technology
- Department of Coal
- Department of Education
- Department of Electronics
- Department of Ocean Development
- Department of Science and Technology
- Ministry of Environment and Forests
- Ministry of Non-Conventional Energy Sources
- Ministry of Welfare
- Central Board of Irrigation and Power
- Council of Scientific and Industrial Research
- Defence Research and Development Organisation
- Indian Council of Agricultural Research
- Indian Council of Medical Research
- Indian Space Research Organisation
- University Grants Commission

The addresses of these agencies are given at Annexure 1.

## LIMITATIONS

Since the listing is based on the inputs received from the responding agencies, it is presumed that the information furnished by them was complete. However, it may be reported that Ministry of Non-Conventional Energy Sources did not furnish the full information. The project cost refers to the initial approved cost of the project for the initial approved duration of the project. It is quite possible that some of the projects given in this directory may not be R&D projects in the strict sense of the term. Despite of these limitations, it is sincerely



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hoped that this directory will serve as an useful source of information for scientists, technologists, funding agencies, implementing institutions, planners and policy makers.

## ORGANISATION OF THE DIRECTORY

The projects are listed in the Directory by major subject area-wise. Under each major subject area, the projects are arranged by funding agency-wise and within funding agency scheme-wise. For each project, the information included are record number, title of the project, name of the funding agency/scheme, name and address of the investigator/institute, approved cost of the project and the duration of the project. The approved cost refers to the total approved cost of the project for the initial approved duration of the project at the time of first sanction. The third column of the directory gives the name of funding agency and scheme. For example, this is given as "CSIR-EXTRM". Here "CSIR" is the name of the funding agency i.e. Council of Scientific and Industrial Research and "EXTRM" is the acronym used for the name of the Scheme under which the project was approved. For explanation of abbreviations/acronym for the agencies and schemes, the readers are advised to see Table 1 under the section on 'Brief analysis'. For quick references, Index on Principal Investigator and Institute are provided in the directory. The address of the funding agencies are given at Annexure 1. Annexure 2 gives institute-wise extramural R&D support committed during the year 1992-93. A brief analysis on the pattern of funding during the year 1992-93 is given in the following paragraphs.



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# BRIEF ANALYSIS

## COVERAGE

During the year 1992-93, 1420 new extramural R&D projects costing Rs.104.51 crores were approved by 17 responding agencies. Table 1 gives, under each responding agency, break-up of number of projects approved scheme-wise and total approved cost.

Table 1
Extramural R&D Projects approved during 1992-93

| Sl.No. | Agency/Department and Scheme(s) | Number of Projects | Total Approved Cost (Rs. Lakhs) |
|---|---|---|---|
| 1 | **Department of Atomic Energy (DAE)** | | |
| | - Board for Research in Nuclear Sciences (BRNS) | 83 | 434.91 |
| | - National Board for Higher Mathematics (NBHM) | 5 | 8.66 |
| 2 | **Department of Bio-Technology (DBT)** | | |
| | - Central Registry Projects (CRP) | 93 | 3289.91 |
| 3 | **Department of Coal (DOC)** | | |
| | - Standing Scientific Research Committee (SSRC) | 4 | 325.42 |
| 4 | **Department of Education (DOED)** | | |
| | - Research & Development (R&D) | 41 | 241.00 |
| 5 | **Department of Electronics (DOE)** | | |
| | - National Microelectronics Council (NMC) | 11 | N.A. |
| | - National Photonics Development Council (NPC) | 11 | 179.08 |
| | - National Radar Council (NRC) | 4 | 165.34 |
| | - Technology Development Division (TDD) | 3 | 29.33 |
| 6 | **Department of Ocean Development (DOD)** | | |
| | - Marine Research Development Fund (MRDF) | 4 | 59.09 |
| | - Poly Metallic Nodule Programme (PMNP) | 1 | 350.00 |
| | - Studies of the Bay of Bengal Crust (SBBC) | 1 | 123.60 |
| 7 | **Department of Science and Technology (DST)** | | |
| | - Cryogenics & Ceramic Programme (CCP) | 8 | 36.15 |
| | - Deep Continental Studies (DCS) | 3 | 13.18 |
| | - Himalayan Seismicity Programme (HSP) | 4 | 54.45 |
| | - Instrument Development Programme (IDP) | 14 | 199.78 |
| | - National Centre for Medium Range Weather Forecasting (NCMRWF) | 10 | 8.87 |
| | - Newer Fibres & Composites (NFC) | 2 | 94.97 |
| | - Science and Engineering Research Council (SERC) | 153 | 1437.91 |
| | - Science and Engineering Research Council Young Scientists (SERCYS) | 15 | 33.68 |
| | - Young Scientists scheme (YS) | 53 | 103.37 |



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| | | | |
|---|---|---|---|
| 8 | **Ministry of Environment and Forests (DOEN)** | | |
| | - Biosphere Reserve and Saleem Ali Centre for Orinthology & Natural History (BR & SACON) | 5 | 18.57 |
| | - Mangrove & Wetland (MW) | 9 | 33.15 |
| | - National Natural Resource Management System (NNRMS) | 3 | 90.12 |
| | - Research & Development (R&D) | 51 | 269.30 |
| 9 | **Ministry of Non-Conventional Energy Sources (DNES)** | | |
| | - Solar Thermal (SOLAR) | 4 | 28.01 |
| | - Wind Energy (WE) | 2 | 210.00 |
| 10 | **Ministry of Welfare (MOW)** | | |
| | - S&T in Mission Mode (S&TM) | 2 | 149.65 |
| 11 | **Central Board of Irrigation and Power (CBIP)** | | |
| | - Research Scheme on Power (RSOP) | 23 | 215.25 |
| 12 | **Council of ScientificandIndustrialResearch (CSIR)** | | |
| | - Emeritus Scientist scheme (ES) | 38 | 125.64 |
| | - Extramural Research scheme (EXTRM) | 109 | 441.42 |
| 13 | **DefenceResearchand DevelopmentOrganisation (DRDO)** | | |
| | - Aeronautical Research & Development Board (ARDB) | 9 | 57.15 |
| | - Grants-in-Aid Scheme (GIA) | 14 | 147.56 |
| | - Research & Training (Electronics) (R&T (E)) | 8 | 84.55 |
| 14 | **Indian Council of Agricultural Research (ICAR)** | | |
| | - Agricultural Produce Cess Fund (APCF) | 107 | 728.22 |
| 15 | **Indian Council of Medical Research (ICMR)** | | |
| | - Adhoc Research Scheme (ADHOC) | 66 | 41.19 |
| | - Centre for Advanced Research (CAR) | 1 | 13.50 |
| | - Task Force Projects (TF) | 32 | 155.66 |
| 16 | **Indian Space Research Organisation (ISRO)** | | |
| | - Research Sponsored (RESPOND) | 8 | 40.50 |
| 17 | **University Grants Commission (UGC)** | | |
| | - Major Research Projects (MJRP) | 179 | 371.00 |
| | - Minor Research Projects (MNRP) | 227 | 42.01 |
| | Total | 1420 | 10451.15 |

Note: 1. Steel Authority of India Limited (SAIL) reported nil information.
2. India Meteorological Department (IMD) reported two projects. These were not included in the directory as they could not be considered as R&D projects.



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## FUNDING BY SUBJECT AREAS

The projects are classified into eight major subject areas as under:

a) Agricultural Sciences

b) Biological Sciences

c) Chemical Sciences

d) Earth Sciences

e) Engineering and Technology

f) Mathematics

g) Medical Sciences

h) Physical Sciences

The classification has been done based on the subject area indicated by the agencies and also based on the title of the projects. Some of the projects may be multi-disciplinary in nature but have been classified into one of the above areas depending on their major bias. Figure 1 shows number of projects approved in each subject area and Figure 2 shows subject area-wise pattern of funding. 28% of the approved projects were in Biological Sciences constituting 31% of the financial support. Projects in the area of Mathematics were about 3% constituting only 0.5% of the total support.

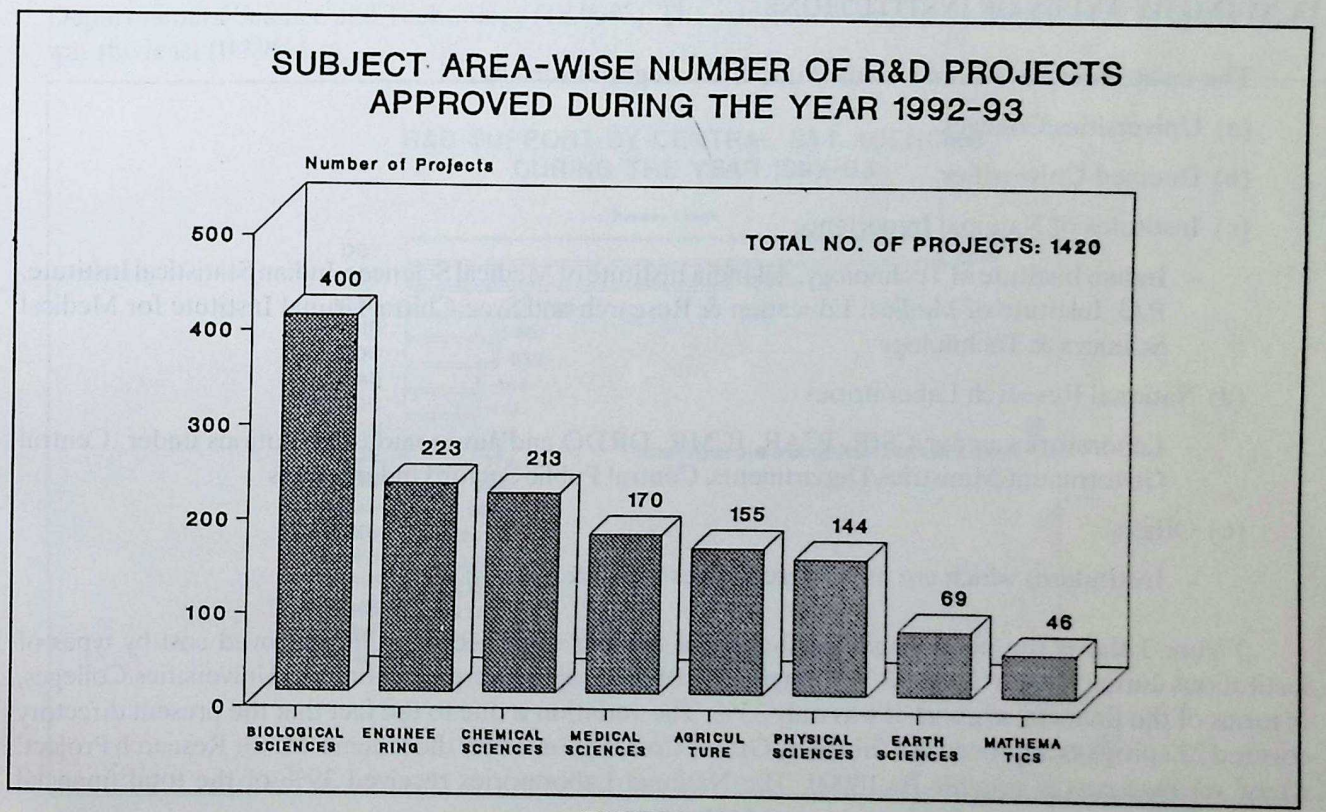


FIGURE 1



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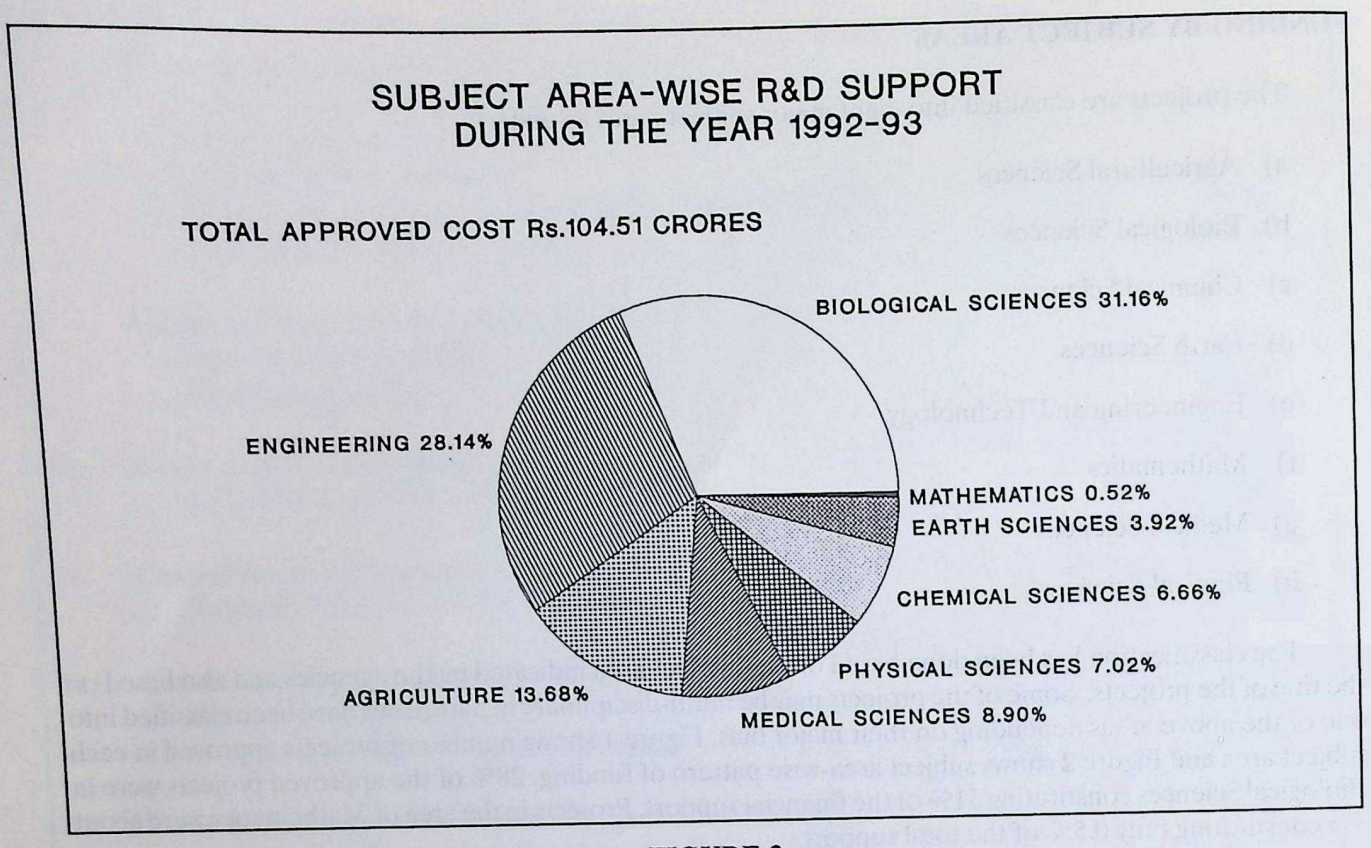


FIGURE 2

## FUNDING BY TYPES OF INSTITUTIONS

The institutions have been classified into five categories such as :

(a) Universities/Colleges

(b) Deemed Universities

(c) Institutes of National Importance

- Indian Institute of Technology, All India Institute of Medical Sciences, Indian Statistical Institute, P.G. Institute of Medical Education & Research and Sree Chitra Tirunal Institute for Medical Sciences & Technology

(d) National Research Laboratories

- Laboratories under CSIR, ICAR, ICMR, DRDO and autonomous institutions under Central Government Ministries/Departments, Central Public Sector Undertakings

(e) Others

- Institutions which are not covered under a, b, c & d above

Figure 3 shows the percentage distribution of number of projects and its approved cost by types of institutions during the year 1992-93. Although, 63% of the projects were sanctioned to Universities/Colleges, in terms of the financial support, it was only 33%. The variation is due to the fact that the present directory covered 227 projects approved by University Grants Commission under the scheme 'Minor Research Project' whose average cost is roughly Rs.18000. The National Laboratories received 39% of the total financial support. The support to academic sector was 56%.



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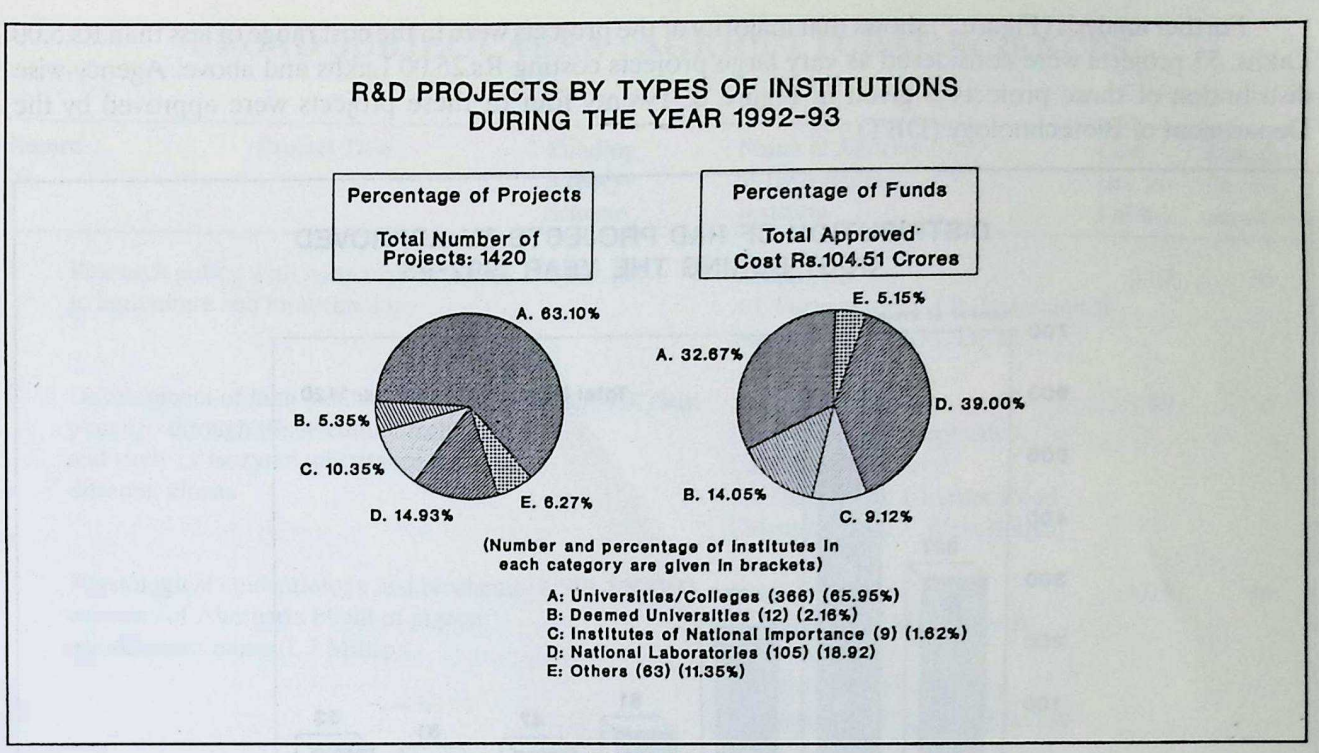


FIGURE 3

## AGENCY-WISE FUNDING

Figure 4 shows the pattern of funding by various funding agencies. It may be seen that the extramural R&D support by Department of Biotechnology was higher (31.48%) compared to other agencies followed by Department of Science and Technology (18.96%). The extramural support by Department of Space (ISRO) was the least (0.39%).

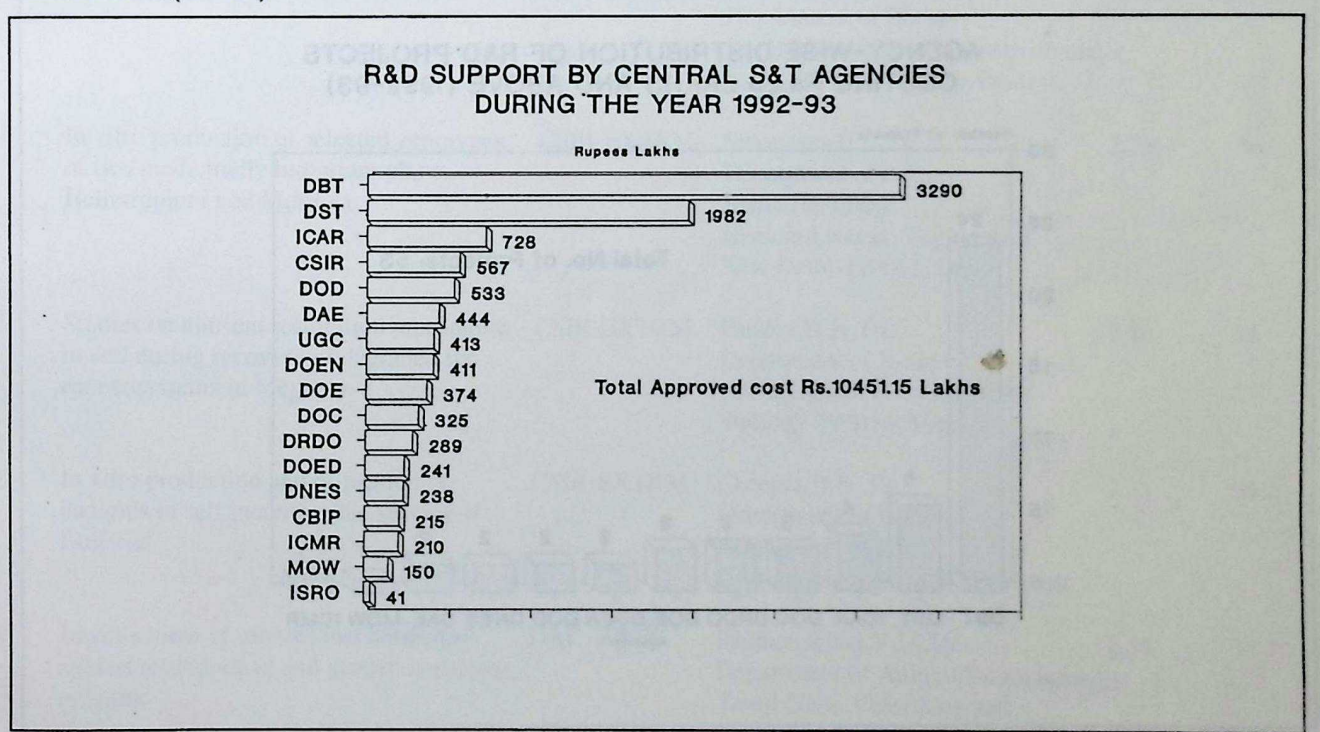


FIGURE 4



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Further analysis (Figure 5) shows that majority of the projects were in the cost range of less than Rs.5.00 Lakhs. 53 projects were considered as very large projects costing Rs.25.00 Lakhs and above. Agency-wise distribution of these projects is given in Figure 6. Twenty four of these projects were approved by the Department of Biotechnology (DBT).

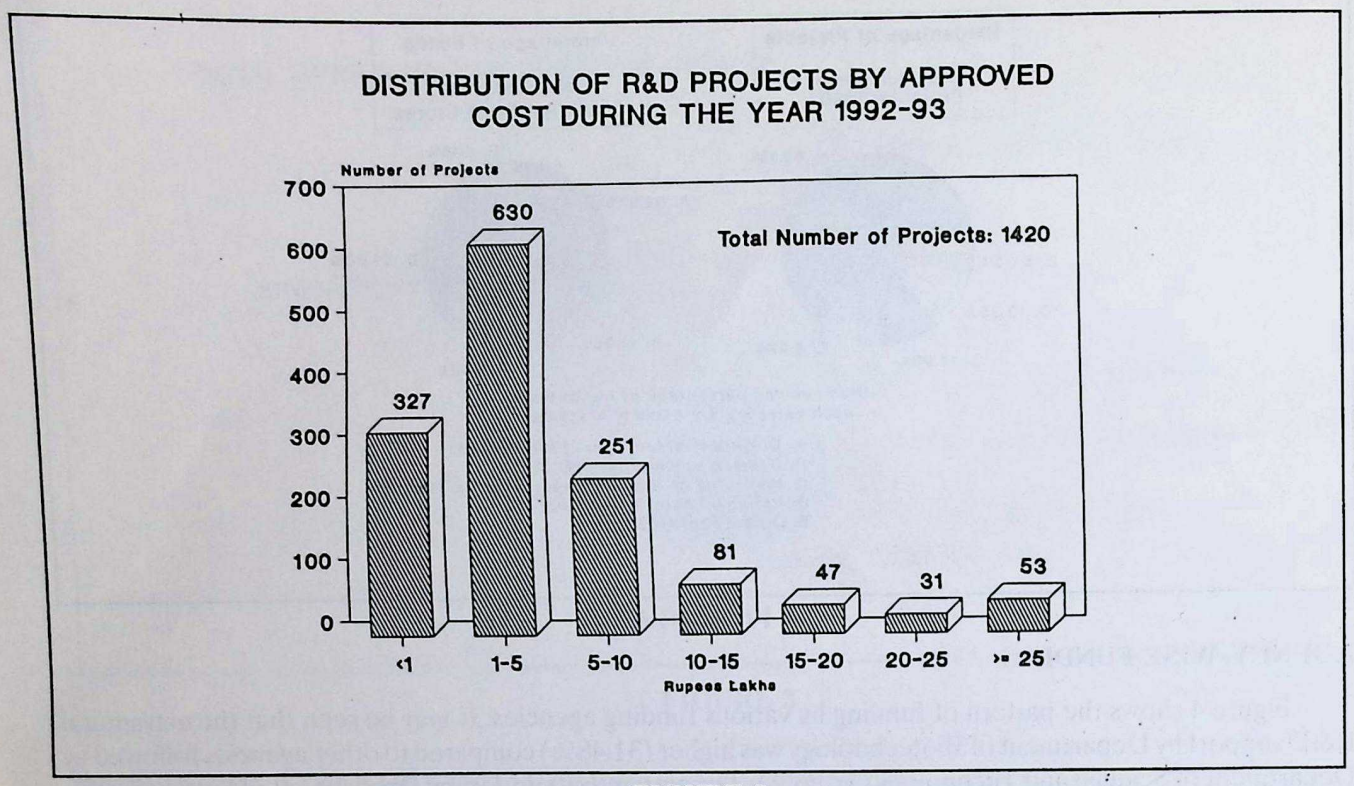


FIGURE 5

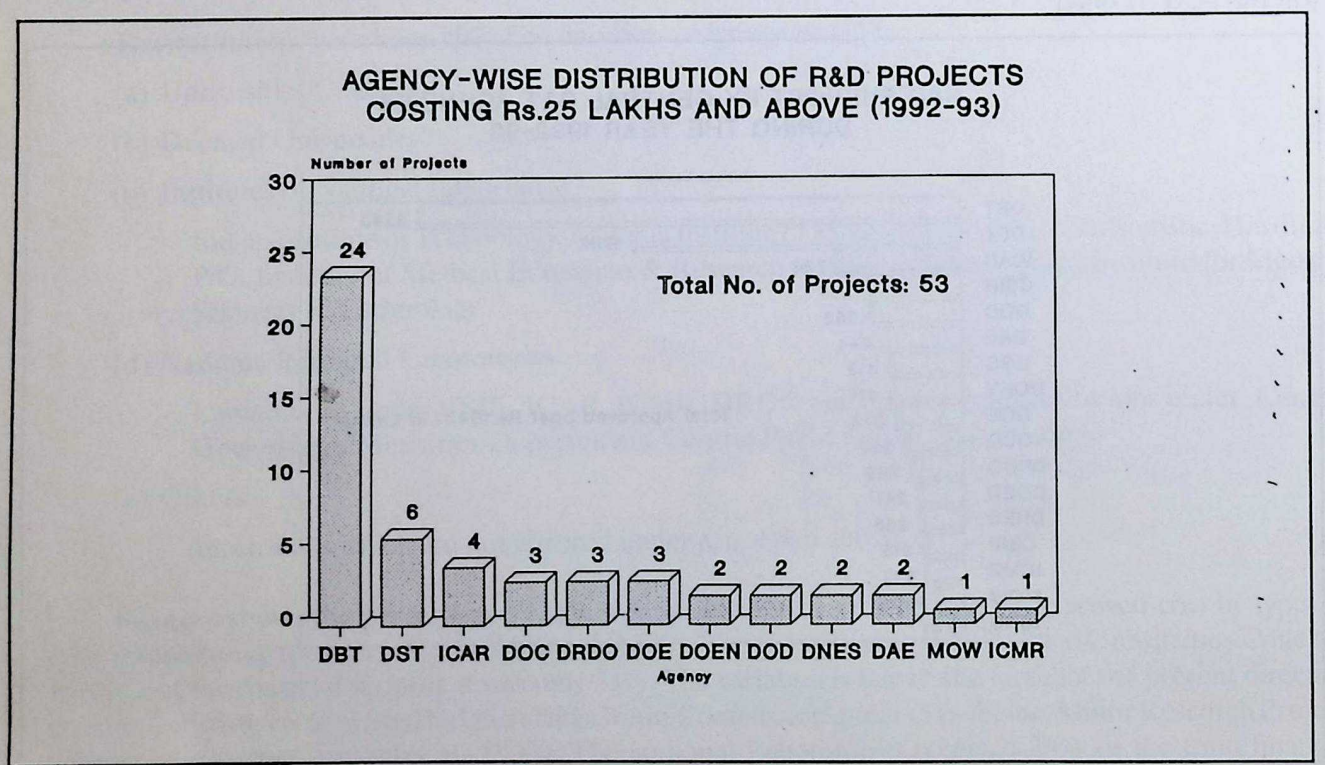


FIGURE 6



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# BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1 | Research policy with particular reference to agriculture and biotechnology | CSIR-ES | Jain,H.K.,Dr.<br>40, Suryaniketan, I.P. Extension II<br>New Delhi-110092, Delhi | 6.02 | 36 |
| 2 | Development of high yielding varieties of plantago through tissue culture technique and study of isozyme inheritance in different clones | CSIR-EXTRM | Sen,S.,Dr.<br>Department of Biophysics<br>Calcutta University<br>35, Ballygunge Circular Road<br>Calcutta-700019, West Bengal | 1.99 | 36 |
| 3 | Physiological epidemiology and biochemical basis of Alternaria blight of pigeon pea (Cajanus cajan (L.) Millsp.) | CSIR-EXTRM | Singh,U.P.,Dr.<br>Department of Mycology & Plant Pathology<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 4.03 | 36 |
| 4 | Improvement of sennoside content in Cassia fistula | CSIR-EXTRM | De,B.,Dr.<br>Department of Botany<br>Calcutta University<br>35, Ballygunge Circular Road<br>Calcutta-700019, West Bengal | 2.15 | 36 |
| 5 | Biosynthesis of clavine alkaloids | CSIR-EXTRM | Mehta,P.,Dr.<br>Department of Botany<br>Dr. Harisingh Gour Vishwavidyalaya<br>Sagar-470003, Madhya Pradesh | 3.28 | 36 |
| 6 | In vitro production of selected genotypes of two medicinally important plants, Heliotropium and Moringa | CSIR-EXTRM | Srivastava,P.S.,Dr.<br>Department of Botany<br>Jamia Hamdard<br>Hamdard Nagar, Tuglaqabad<br>New Delhi-110062, Delhi | 2.78 | 36 |
| 7 | Studies on nutrient restoration mechanism in soil during recovery of degraded forest ecosystems in Meghalaya | CSIR-EXTRM | Pandey,H.N.,Dr.<br>Department of Botany<br>North Eastern Hill University<br>Shillong-793014, Meghalaya | 7.18 | 36 |
| 8 | In vitro production and utilisation of haploids in self incompatible species of Brassica | CSIR-EXTRM | Cheema,H.K.,Dr.<br>Department of Botany<br>Punjab University<br>Chandigarh-160014, Chandigarh | 2.35 | 36 |
| 9 | Development of monoclonal antibodies against reproductive and growth hormones of cattle | DAE -BRNS | Padmanabhan,V.D.,Dr.<br>Department of Animal Biotechnology<br>Tamil Nadu Veterinary and Animal Sciences University<br>Madras-600007, Tamil Nadu | 2.55 | 36 |



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BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 10 | Genetic and biochemical basis of rice bacterial light pathogen interactions and characterization of resistance to Xantho moras canpestris pu. orizae | DAE -BRNS | Vidhyasekaran,P.,Dr.<br>Centre for Plant Protection Studies<br>Tamil Nadu G.D. Naidu<br>Agricultural University<br>Coimbatore-641003, Tamil Nadu | 5.81 | 36 |
| 11 | Induced variability for the improvement of oilseeds and forage crops | DAE -BRNS | Ramanathan,T.,Dr.<br>Department of Oil Seeds<br>Tamil Nadu G.D. Naidu<br>Agricultural University<br>Coimbatore-641003, Tamil Nadu | 4.80 | 36 |
| 12 | Mutation breeding for quality improvement for winged bean | DAE -BRNS | Kothekar,V.S.,Dr.<br>Department of Botany<br>Marathwada University<br>Aurangabad-431004, Maharashtra | 5.52 | 36 |
| 13 | Ecology of diazotrophic cyanobacteria in alluvial paddy soil and their potential in soil plant nutrition | DBT -CRP | Jha,M.N.,Dr.<br>Department of Microbiology<br>Rajendra Agricultural University<br>Faculty of Basic Science & Humanities<br>Samastipur-848125, Bihar | 7.16 | 36 |
| 14 | Bioconversion processing of oilseeds for enhanced oil availability and recovery | DBT -CRP | Agarwal,Y.C.,Dr.<br>Department of Post Harvest<br>Process & Food Engg.<br>G.B. Pant University of<br>Agriculture & Technology<br>Nainital<br>Pantnagar-263145, Uttar Pradesh | 16.33 | 60 |
| 15 | Botanical control of phytonematodes associated with pulse crops through parts and products of neem (Azadirachta indica) | DBT -CRP | Majumder,V.,Dr.<br>Division of Hematology<br>Indian Agricultural Research Institute<br>Pusa<br>New Delhi-110012, Delhi | 14.98 | 36 |
| 16 | Development of pigeonpea and chickpea genotypes resistant to biotic stresses through biotechnological means | DBT -CRP | Asthana,A.N.,Dr.<br>Department of Genetics &<br>Plant Breeding<br>Directorate of Pulses Research<br>Kalyanpur<br>Kanpur-208024, Uttar Pradesh | 90.71 | 60 |
| 17 | Molecular characterisation of the red rot pathogen and production of somaclones in subtropical sugarcane | DBT -CRP | Madan,V.K.,Dr.<br>Department of Biotechnology<br>Indian Institute of Sugarcane Research<br>Lucknow-226002, Uttar Pradesh | 84.74 | 60 |



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BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 18 | Genome characterisation of Saccharum using RELP analysis and its utilisation in breeding varieties resistant to red rot disease | DBT -CRP | Sreenivasan,T.V.,Dr.<br>Sugarcane Breeding Institute<br>Crop Improvement Division<br>Coimbatore-641001, Tamil Nadu | 167.40 | 60 |
| 19 | Biotechnology for the management of biotic stresses caused by plant viruses | DBT -CRP | Verma,A.,Prof.<br>Division of Mycology & Plant Pathology<br>Indian Agricultural Research Institute<br>Pusa<br>New Delhi-110012, Delhi | 67.35 | 60 |
| 20 | Investigations on the development of a potential biocontrol agent for the manage ment of root-knot nematode, Meloidogyne incognita | DBT -CRP | Goswami,B.K.,Dr.<br>Division of Nematology<br>Indian Agricultural Research Institute<br>Pusa<br>New Delhi-110012, Delhi | 23.76 | 48 |
| 21 | Crop pest control by plant derivatives | DBT -CRP | Adbul Kareem,A.,Dr.<br>Tamil Nadu Rice Research Institute<br>Centre for Plant Protection Studies<br>Aduthurai-612101, Tamil Nadu | 62.79 | 36 |
| 22 | Biological control approaches in the man-agement of Parthenium hysterophorus, Sol anum elaegnifolium and Eupatorium glandu lous | DBT -CRP | Sankaran,S.,Dr.<br>Agricultural College &<br>Research Institute<br>Madurai-625104,Tamil Nadu | 6.50 | 36 |
| 23 | Indigenous flora as source of insect growth regulators and antifeedant for pest management | DBT -CRP | Rao,P.J.,Dr.<br>Department of Entomology<br>Indian Agricultural Research Institute<br>Pusa<br>New Delhi-110012, Delhi | 33.50 | 48 |
| 24 | Host specificity determinants in Rhizobi-um sp. (C9cer) - chickpea (Cicer arietin um L.) symbiosis | DBT -CRP | Sharma,P.K.,Dr.<br>Department of Microbiology<br>Ch. Charan Singh Haryana<br>Agricultural University<br>College of Basic Sciences and<br>Humanities<br>Hisar-125004, Haryana | 9.35 | 36 |
| 25 | Calcium, dinitrogen fixation and calmodu lin in nostoc MAC | DBT -CRP | Bisen,P.S.,Dr.<br>Department of Microbiology<br>Barkatullah Vishwavidyalaya<br>Bhopal-462026, Madhya Pradesh | 21.58 | 36 |
| 26 | Biological nitrogen fixation through Rhi-zobium in the area responsibility of C.S. Azad university of agriculture & techno-logy, kanpur | DBT -CRP | Lehri,L.K.,Dr.<br>Department of Chemistry<br>C.S. Azad University of<br>Agriculture & Technology<br>Kanpur-208002, Uttar Pradesh | 14.71 | 60 |



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BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 27 | Collection, screening, physiological and genetic analysis for improvement of len til-rhizobium combinations for saline and saline soils of U.P. | DBT -CRP | Rai,R.,Dr.<br>Department of Microbiology<br>Narendra Deva University of Agriculture & Technology<br>Faizabad-224229, Uttar Pradesh | 27.11 | 36 |
| 28 | Use of blue green algae as bio-fertilizer for rice production | DBT -CRP | Lehri,L.K.,Dr.<br>Department of Chemistry<br>C.S. Azad University of Agriculture & Technology<br>Kanpur-208002, Uttar Pradesh | 18.59 | 60 |
| 29 | Rhizobium pulses association development of efficient strains of Rhizobium suit-able for acid soil conditions | DBT -CRP | Nair,S.,Dr.<br>Department of Plant Pathology<br>Kerala Agricultural University<br>College of Agriculture, Vellayani<br>Thiruvananthapuram-695522, Kerala | 10.46 | 36 |
| 30 | Rhizobium-tree legume associations in agroforestry systems | DBT -CRP | Rao,D.L.N.,Dr.<br>Division of Soils & Crop Management<br>Central Soil Salinity Research Institute<br>Kacctma Road<br>Karnal-132001, Haryana | 17.90 | 60 |
| 31 | Development of tropical mushroom spawn production and cultivation technology for rural schedule caste people and its popularisation | DBT -CRP | Khatua,D.C.,Dr.<br>Department of Plant Pathology<br>Bidhan Chandra Krishi Vishwavidyalaya<br>P.O. Krishi Vishwavidyalaya<br>Kalyani-741252, West Bengal | 7.51 | 36 |
| 32 | Mass-scale production, distribution and demonstration of use of composting micro organims in the schedule caste/st vill-ages at valuka and other K.V.K.S. | DBT -CRP | Hajra,J.N.,Dr.<br>Department of Agricultural Chemistry & Soil Sci.<br>Bidhan Chandra Krishi Vishwavidyalaya<br>P.O. Krishi Vishwavidyalaya<br>Kalyani-741252, West Bengal | 6.78 | 36 |
| 33 | Evaluation, propagation and utilization of selected multipurpose trees for the waste and marginal lands of central sub-himalayan hills | DBT -CRP | Dhar,U.,Dr.<br>G.B. Pant Institute of Himalayan Environment & Development<br>Kosi-Katarmal<br>Almora-263643, Uttar Pradesh | 23.39 | 36 |
| 34 | In vitro technology in micropropagation for conservation of endangered taxa heri tiera and Nypa of sunderban | DBT -CRP | Maity,S.,Dr.<br>Department of Genetics & Plant Breeding<br>Bidhan Chandra Krishi Vishwavidyalaya<br>P.O. Krishi Vishwavidyalaya<br>Kalyani-741252, West Bengal | 14.80 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 35 | Micropropagation and micrografting in khasi mandrain orange (Citrus retionata blanco) | DBT -CRP | Parthasarathy,V.A.,Dr.<br>Division of Horticulture (Biotechnology Lab.)<br>ICAR Research Complex for NEH Region<br>Barapani<br>Shillong-793103, Meghalaya | 23.10 | 48 |
| 36 | Standardization of tissue culture technique for clonal multiplication of mango and cashew | DBT -CRP | Lad,B.L.,Prof.<br>Department of Horticulture<br>Konkan Krishi Vidyapeeth<br>College of Agriculture<br>Dapoli-415712, Maharashtra | 4.80 | 36 |
| 37 | Development of phytophthora resistance in black pepper (Piper nigrum L.) through biotechnological approach | DBT -CRP | Sarma,Y.R.,Dr.<br>Department of Plant Pathology<br>National Research Centre for Spices<br>P.O. Box No. 1701, Marikunnu P.O.<br>Kozhikode-673012, Kerala | 16.30 | 36 |
| 38 | An integrated ecological study on revegetation of mine spoil (jointly with State Forest Research Institute, Jabalpur and State Forest Department of M.P. and U.P.) | DOC-SSRC | Singh,J.S.,Prof.<br>Department of Botany<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 41.23 | 45 |
| 39 | Soil enrichment and reclamation of back filled areas of Neyveli opencast mines (in collaboration with Dr. NN Prasad, Annamaliai University) | DOC-SSRC | Shanmugam,T.,Dr.<br>Centre for Applied R&D<br>Neyveli Lignite Corporation Ltd.<br>South Arcot District<br>Neyveli-607801, Tamil Nadu | 40.59 | 45 |
| 40 | Starting of experimental agromet service at Tamil Nadu Veterinary and Animal Sciences University, Madras | DST-NCMRWF | Prabhaharan,R.,Dr.<br>Department of Animal Husbandry Economics<br>Tamil Nadu G.D. Naidu Agricultural University<br>Madras Veterinary College<br>Madras-600007, Tamil Nadu | 1.00 | 12 |
| 41 | Starting of experimental agromet service at Tamil Nadu Agricultural University | DST-NCMRWF | Gopalaswamy,N.,Dr.<br>Tamil Nadu G.D. Naidu Agricultural University<br>Coimbatore-641003,Tamil Nadu | 1.00 | 12 |
| 42 | Starting of experimental agromet service at Mahatma Phule Agricultural University Rahuri | DST-NCMRWF | Varshneya,M.C.,Prof.<br>Casam College of Agriculture<br>N.T. Wadi<br>Pune-411005, Maharashtra | 1.00 | 12 |
| 43 | Starting of experimental agromet services at Konkan Krishi Vidyapeeth, Dapoli | DST-NCMRWF | Khanvilkar,S.A.,Dr.<br>Department of Agronomy<br>Konkan Krishi Vidyapeeth<br>Dapoli-415712, Maharashtra | 1.00 | 12 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 44 | Starting of experimental agromet services at University of Agricultural Sciences, Bangalore | DST-NCMRWF | Nagaraj,S.T.,Dr.<br>Agricultural Sciences University, Bangalore<br>GKVK<br>Bangalore-560065, Karnataka | 1.00 | 12 |
| 45 | Starting of experimental agromet services at Marathwada Agricultural University, Prabhani | DST-NCMRWF | Tapadia,B.B.,Dr.<br>Department of Agricultural Meteorology<br>Marathwada Agricultural University<br>Parbhani-431401, Maharashtra | 1.00 | 12 |
| 46 | Starting of experimental agromet services at Andhra Pradesh Agricultural University Rajendranagar, Hyderabad | DST-NCMRWF | Rao,A.Y.,Dr.<br>Andhra Pradesh Agricultural University<br>Agricultural Research Institute<br>Hyderabad-500030, Andhra Pradesh | 1.00 | 12 |
| 47 | Starting of experimental agromet services at Punjabrao Krishi Vidyapeeth, Krishi-nagar, Akola | DST-NCMRWF | Nalamwar,R.V.,Dr.<br>Department of Agronomy<br>Punjabrao Krishi Vidyapeeth<br>Krishinagar<br>Akola-444104, Maharashtra | 1.00 | 12 |
| 48 | Starting of experimental agromet services at Kerala Agricultural University, Trissur | DST-NCMRWF | Rao,AVRK,Dr.<br>Department of Agricultural Meteorology<br>Kerala Agricultural University<br>College of Horticulture<br>Trissur-680654, Kerala | 0.57 | 12 |
| 49 | Study of grassland management problems at Sultanpur National Park using systems analysis and remote sensing technique | DST -YS | Vallikadevi,K.,Dr.<br>Department of Botany<br>Delhi University<br>Delhi-110007, Delhi | 2.54 | 24 |
| 50 | Effect of allelopathic interference of the weed Pluchia lanceolata on the metabolism and yield of crop plants | DST -YS | Inderjit,,Dr.<br>Department of Botany<br>Delhi University<br>Delhi-110007, Delhi | 2.41 | 24 |
| 51 | Studies on the effect of vesicular arbuscular mycorrhizal (VAM) fungi on plant health | ICAR-APCF | Bagyaraj,D.J.,Dr.<br>Division of Agricultural Microbiology<br>Agricultural Sciences University, Bangalore<br>GKVK<br>Bangalore-560065, Karnataka | 4.58 | 36 |
| 52 | Studies on effect of mycorrhiza on plant health interaction of VAM fungi with beneficial soil microorganism | ICAR-APCF | Tilak,KVBR,Dr.<br>Division of Microbiology<br>Indian Agricultural Research Institute<br>Pusa<br>New Delhi-110012, Delhi | 4.58 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 53 | Studies on the effect of vesicular mycorrhizal (VAM) fungi on plant health | ICAR-APCF | Jalali,B.L.,Dr.<br>Department of Plant Pathology<br>Ch. Charan Singh Haryana Agricultural University<br>Hisar-125004, Haryana | 4.58 | 36 |
| 54 | Studies on late blight of tomato with reference to its relationship with potato isolates of Phytophthora infestans, deve lopmental factors host resistance and control | ICAR-APCF | Sokhi,S.S.,Dr.<br>Punjab Agricultural University<br>Ludhiana-141004,Punjab | 1.99 | 36 |
| 55 | Studies on characterization variability and management of frenchbean viruses in Himachal Pradesh | ICAR-APCF | Sharma,O.P.,Dr.<br>Department of Plant Pathology<br>Himachal Pradesh Krishi Vishwavidyalaya<br>Palampur-176062, Himachal Pradesh | 3.54 | 36 |
| 56 | Selection of cell lines and embryogenic cultures of Brassica juncea resistant to pathotoxin of alternaria brassicae for generating disease resistant plants | ICAR-APCF | Singh,B.M.,Dr.<br>Biotechnology Centre<br>Himachal Pradesh Krishi Vishwavidyalaya<br>College of Agriculture<br>Palampur-176062, Himachal Pradesh | 4.98 | 36 |
| 57 | Investigations of karnal bunt (Neovossia indica) of wheat | ICAR-APCF | Singh,D.V.,Dr.<br>Mycology & Plant Pathology<br>Indian Agricultural Research Institute<br>Pusa<br>New Delhi-110012, Delhi | 0.41 | 6 |
| 58 | Studies on physiologic specialization, host resistance and epidemiology of white rust of downy mildew disease complex in rapeseed-mustard | ICAR-APCF | Saharan,G.S.,Dr.<br>Department of Plant Pathology<br>Ch. Charan Singh Haryana Agricultural University<br>Hisar-125004, Haryana | 3.58 | 36 |
| 59 | Studies on the epidemiology and management of bacterial blight of pea | ICAR-APCF | Kumar,K.,Dr.<br>Department of Plant Pathology<br>Dr. Y.S. Parmar University of Horticulture & Forestry<br>Solan<br>Nauni-173230, Himachal Pradesh | 1.79 | 36 |
| 60 | Application of biotechnology for developing novel sources of resistance to brown spot and sheath blight | ICAR-APCF | Sridhar,R.,Dr.<br>Central Rice Research Institute<br>Cuttack-753006,Orissa | 2.11 | 36 |
| 61 | Characterization of plant parasitic nematodes effecting vegetable crops in Punjab | ICAR-APCF | Mahajan,R.,Dr.<br>Punjab Agricultural University<br>Ludhiana-141004,Punjab | 2.11 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 62 | Epidemiology and control of downy mildew of cucurbits | ICAR-APCF | Hiremath,R.V.,Dr.<br>Department of Plant Pathology<br>Agricultural Sciences University, Dharwad<br>College of Agriculture<br>Dharwad-580005, Karnataka | 1.79 | 36 |
| 63 | Wheat disease survey and surveillance | ICAR-APCF | Tondon,J.P.,Dr.<br>Directorate of Wheat Research<br>Karnal-132001,Haryana | 0.45 | 6 |
| 64 | Scheme simultation model for forecasting of rice blast disease | ICAR-APCF | Manibhushan,K.,Dr.<br>Centre of Advanced study in Botany<br>Madras University<br>Guindy Campus<br>Madras-600025, Tamil Nadu | 2.39 | 36 |
| 65 | Investigations on plant parasitic nematodes associate with oil palm | ICAR-APCF | Sundararaju,P.,Dr.<br>Central Plantation Crops Research Institute<br>Kudlu<br>Kasargod-670124, Kerala | 4.11 | 36 |
| 66 | IPM in DWR ecosystem of eastern India multilocational project with 7 sub projects in AAU Jorhat, CRRI Cuttack, OUAT Bhubaneshwar, NDUA&T Faizabad, RAU Samastipur with centralised monitoring unit at Cuttack | ICAR-APCF | Director,,<br>Central Rice Research Institute<br>Cuttack-753006,Orissa | 27.07 | 36 |
| 67 | Screening of Gossypium sp. to reniform nematode and interaction with fungi | ICAR-APCF | Rajendran,G.,Dr.<br>Department of Nematology<br>Tamil Nadu G.D. Naidu Agricultural University<br>Coimbatore-641003, Tamil Nadu | 3.51 | 36 |
| 68 | Systematic survey and bio-ecology of major insect pests of some solenance crops in N.E. with special reference to their control | ICAR-APCF | Prasad,B.,Dr.<br>Manipur University<br>Canchipur<br>Imphal-795003, Manipur | 5.49 | 36 |
| 69 | Development of prototypes from natural products of influencing insect behaviour development of reproduction | ICAR-APCF | Tripathi,A.K.,Dr.<br>Department of Entomology<br>Central Institute of Medicinal & Aromatic Plants<br>Ramsagar Misra Nagar<br>Lucknow-226016, Uttar Pradesh | 13.71 | 36 |
| 70 | Studies on natural enemy complex of white-flies of mass multiplication technology for parasitoids of Bemisia tabaci (genn adius for bio-control) | ICAR-APCF | David,B.V.,Dr.<br>Fredrick Institute of Plant Protection & Toxicology<br>Chingleput<br>Padappai-601301, Tamil Nadu | 1.42 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 71 | Problems of birds in fish farming in punjab | ICAR-APCF | Dhindsa,M.S.,Dr.<br>Department of Zoology<br>Punjab Agricultural University<br>Ludhiana-141004, Punjab | 3.30 | 36 |
| 72 | Management of VFC tobacco aphid through biological agents | ICAR-APCF | Jayaramiah,M.,Dr.<br>Agricultural Sciences University, Bangalore<br>GKVK<br>Bangalore-560065, Karnataka | 4.93 | 36 |
| 73 | Management of rodent pest with glue trapping | ICAR-APCF | Singh,P.,Dr.<br>Department of Entomology & Zoology<br>Manipur University<br>Canchipur<br>Imphal-795003, Manipur | 3.19 | 36 |
| 74 | Micropropagation and induction of somaclonal variation in sugarcane | ICAR-APCF | Gosal,S.S.,Dr.<br>Department of Plant Breeding<br>Punjab Agricultural University<br>Ludhiana-141004, Punjab | 4.67 | 36 |
| 75 | Plant growth regulators and precious seed germination in wheat land triticale | ICAR-APCF | Sharma,R.,Dr.<br>Department of Botany<br>Punjab Agricultural University<br>Ludhiana-141004, Punjab | 7.40 | 36 |
| 76 | Breeding research for low temperature to lerant high yielding indica cultivars to boost up rice production in eastern India | ICAR-APCF | Majumdar,M.K.,Dr.<br>Calcutta University<br>35, Ballygunge Circular Road<br>Calcutta-700019, West Bengal | 3.62 | 36 |
| 77 | Identification, characterization and chromosomal location of the adult plant leaf rust resistance genes in wheat | ICAR-APCF | Saini,R.G.,Dr.<br>Department of Genetics<br>Punjab Agricultural University<br>Ludhiana-141004, Punjab | 12.52 | 36 |
| 78 | Genetic improvement in pigeonpea (Cajanus cajan) for better nodulation and symbiotic effectivity | ICAR-APCF | Dudeja,S.S.,Dr.<br>Department of Microbiology<br>Ch. Charan Singh Haryana<br>Agricultural University<br>Hisar-125004, Haryana | 2.59 | 36 |
| 79 | Physiological studies on pod shattering and its control in soyabean | ICAR-APCF | Guruprasad,K.N.,Dr.<br>School of Life Sciences<br>Devi Ahilya Vishwavidyalaya<br>Khandwa Road<br>Indore-452001, Madhya Pradesh | 3.08 | 36 |



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BROAD SUBJECT AREA : AGRICULTURAL SCIENCES

| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 80 | Agro-management studies for seed production of fodder crops | ICAR-APCF | Narwal,S.S.,Dr.<br>Department of Agronomy<br>Ch. Charan Singh Haryana Agricultural University<br>Hisar-125004, Haryana | 4.13 | 36 |
| 81 | Development of cost effective parameters for production of imported agro-chemicals (conduct field in trials at T.N.A.U. Coimbatore, FIPPAT, Madras | ICAR-APCF | Ramdas,K.,Dr.<br>SPIC Science Foundation<br>Madras, Tamil Nadu | 2.77 | 36 |
| 82 | Insect sex-pheromones of important insect pests of rice, identification and utilisation in rice pest management | ICAR-APCF | Krishnaiah,K.,Dr.<br>Directorate of Rice Research<br>ICAR<br>Hyderabad-500007, Andhra Pradesh | 5.76 | 36 |
| 83 | Surveillance and management of major insect pests of cabbage and cauliflower with special reference to diamondback moth Plantella modestella | ICAR-APCF | Rai,S.,Dr.<br>P.D.V.R.<br>Varanasi-221001,Uttar Pradesh | 5.43 | 36 |
| 84 | Evaluation of indigenous sources of sulphur for oil seeds and pulses in acidic red loam soils of Chota Nagpur, Bihar | ICAR-APCF | Singh,S.,Dr.<br>Birsa Agricultural University<br>Ranchi-834006,Bihar | 3.24 | 36 |
| 85 | Evaluation of crop response to application of micro-nutrients to small cardamom (Elettaria cardamomum) | ICAR-APCF | Kumar,V.K.,Dr.<br>Indian Cardamom Research Institute<br>Myladumpara<br>Kailashanadu-685553, Kerala | 2.20 | 36 |
| 86 | Dynamics of soils physical environment in the rice breed croping sequences in West Bengal | ICAR-APCF | Mallick,S.,Dr.<br>Department of Agricultural Chemistry & Soil Sci.<br>Bidhan Chandra Krishi Vishwavidyalaya<br>P.O. Krishi Vishwavidyalaya<br>Kalyani-741252, West Bengal | 1.40 | 36 |
| 87 | Distribution of potassium in benchmark soils of Punjab and response to applied kon some selected soils | ICAR-APCF | Brar,M.S.,Dr.<br>Department of Soils<br>Punjab Agricultural University<br>Ludhiana-141004, Punjab | 1.76 | 36 |
| 88 | Quantification of the change in physics chemical properties of chemically reclaimed alkali soils with different cropping system | ICAR-APCF | Singh,R.,Dr.<br>Department of Soil Science<br>Narendra Deva University of Agriculture & Technology<br>Faizabad-224229, Uttar Pradesh | 1.53 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 89 | Research on soil and water conservation in lateritic soils Konkan region (Maharashtra) | ICAR-APCF | Kale,S.R.,Shri<br>Konkan Krishi Vidyapeeth<br>Water Management Scheme, Wakawali<br>Dapoli-415712, Maharashtra | 3.99 | 60 |
| 90 | Dissolution behaviour of some indigenous phosphate rock and partially acidulated phosphate rock materials of Indian origin and growth of lowland rice in some acidic soils of eastern India | ICAR-APCF | Sanyal,S.K.,Dr.<br>Department of Agricultural Chemistry & Soil Sci.<br>Bidhan Chandra Krishi Vishwavidyalaya<br>P.O. Krishi Vishwavidyalaya<br>Kalyani-741252, West Bengal | 1.88 | 36 |
| 91 | Nitrogen-use efficiency of coated urea materials for rice wheat system in partially reclaimed salt affected soils | ICAR-APCF | Chauhan,R.P.S.,Dr.<br>Department of Soil Sci. & Agricultural Chemistry<br>Narendra Deva University of Agriculture & Technology<br>Faizabad-224229, Uttar Pradesh | 1.67 | 36 |
| 92 | Ecology and taxonomy of DGA (cyanobacteria) in relation to the acidic soils of Kerala | ICAR-APCF | Madhusudan,D.V.,Dr.<br>Calicut University<br>Kozhikode-673635,Kerala | 1.32 | 36 |
| 93 | Studies on imparting saline tolerant to some oilseed crops with strains of vesicular-mycorrhizol fungi from native | ICAR-APCF | Selvaraj,T.,Dr.<br>Department of Botany<br>AVVM Sri Pushpam College<br>Poondi<br>Thanjavur-613001, Tamil Nadu | 1.22 | 24 |
| 94 | Agronomic studies for improving seed setting and productivity of sunflower | ICAR-APCF | Sidhu,M.S.,Dr.<br>Punjab Agricultural University<br>Ludhiana-141004,Punjab | 4.60 | 36 |
| 95 | Simulation modelling of cropping system response to seasonal variation of temperature, soil moisture and daylength | ICAR-APCF | Pasupalak,S.,Dr.<br>Department of Agronomy<br>Bihar Agricultural University<br>Kanke<br>Ranchi-834006, Bihar | 3.00 | 36 |
| 96 | Chemical manipulation of seed dormancy & germination in five weeds of soyabean | ICAR-APCF | Amritphale,D.,Dr.<br>School of Studies in Botany<br>Vikram University<br>Ujjain-456010, Madhya Pradesh | 1.52 | 36 |
| 97 | Rice fallow utilization by intensive cropping under rainfed condition in West Bengal | ICAR-APCF | Das,N.R.,Dr.<br>Department of Agronomy<br>Bidhan Chandra Krishi Vishwavidyalaya<br>P.O. Krishi Vishwavidyalaya<br>Kalyani-741252, West Bengal | 2.94 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 98 | Investigation on a promising fodder legume stylosanthes | ICAR-APCF | Hosmani,M.M.,Dr.<br>Agricultural Sciences University, Dharwad<br>Dharwad-580005,Karnataka | 5.55 | 36 |
| 99 | To standardise the methodology of yambean cultivation (Pachyrrhizus eroses) in gangetic West Bengal | ICAR-APCF | Sen,H.,Dr.<br>Department of Agronomy<br>Bidhan Chandra Krishi Vishwavidyalaya<br>P.O. Krishi Vishwavidyalaya<br>Kalyani-741252, West Bengal | 1.17 | 36 |
| 100 | Phenology & yield behaviour of summer planted bunch groundnut as influenced by a gronomic management | ICAR-APCF | Kaul,J.N.,Dr.<br>Department of Agronomy<br>Punjab Agricultural University<br>Ludhiana-141004, Punjab | 5.40 | 36 |
| 101 | The carrying capacity of the grassland vis-a-vis improved silvipasture with sub-tropical regions of Himachal Pradesh | ICAR-APCF | Katoch,B.S.,Dr.<br>Department of Animal Nutrition<br>Himachal Pradesh Krishi Vishwavidyalaya<br>Palampur-176062, Himachal Pradesh | 5.33 | 36 |
| 102 | Studies on agrometeorology for Konkan region in Maharashtra | ICAR-APCF | Khanwilkar,S.A.,Dr.<br>Konkan Krishi Vidyapeeth<br>Dapoli-415712,Maharashtra | 4.64 | 36 |
| 103 | Methane emission in rice based cropping system, CRRI-Cuttack | ICAR-APCF | Sethunathan,N.,Dr.<br>Central Rice Research Institute<br>Cuttack-753006,Orissa | 5.96 | 36 |
| 104 | Methane emission in rice based cropping system | ICAR-APCF | Sinha,S.K.,Dr.<br>Indian Agricultural Research Institute<br>Pusa<br>New Delhi-110012, Delhi | 5.82 | 36 |
| 105 | Methane emission in rice based cropping system | ICAR-APCF | Kondop,S.N.,Dr.<br>Andhra Pradesh Agricultural University<br>Agricultural Research Institute<br>Hyderabad-500030, Andhra Pradesh | 5.82 | 36 |
| 106 | Methane emission in rice based cropping system | ICAR-APCF | Roy,S.A.,Dr.<br>Tamil Nadu Rice Research Institute<br>Aduthurai-612101,Tamil Nadu | 5.82 | 36 |
| 107 | Methanogenesis & production of green house gases under animal husbandary system | ICAR-APCF | Neelakantan,S.,Dr.<br>Department of Dairy Microbiology<br>National Dairy Research Institute<br>Karnal-132001, Haryana | 18.99 | 36 |
| 108 | Study in the effect of rising atmospheric CO2 photosynthesis & productivity of crop plants under moisture stress conditions | ICAR-APCF | Uprety,D.C.,Dr.<br>Department of Plant Physiology<br>Indian Agricultural Research Institute<br>Pusa<br>New Delhi-110012, Delhi | 13.58 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 109 | Ecology of termites associated anaerobes & generation of green house gases | ICAR-APCF | Ramasamy,K.,Dr.<br>Department of Environmental Sciences<br>Tamil Nadu G.D. Naidu<br>Agricultural University<br>Coimbatore-641003, Tamil Nadu | 5.11 | 36 |
| 110 | Technology development for grain amaranth cultivation | ICAR-APCF | Patil,V.C.,Dr.<br>Department of Agronomy<br>Agricultural Sciences University, Dharwad<br>Dharwad-580005, Karnataka | 2.15 | 36 |
| 111 | Software development for groundwater movement | ICAR-APCF | charya,H.S.,Dr.<br>Marathwada Agricultural University<br>Parbhani-431401,Gujarat | 1.32 | 24 |
| 112 | Plasticulture development for water conservation - other agricultural uses | ICAR-APCF | Singh,P.M.,Dr.<br>Department of Agricultural Engineering<br>Narendra Deva University of<br>Agriculture & Technology<br>Faizabad-224229, Uttar Pradesh | 4.12 | 36 |
| 113 | Metallurgy and process development for quality upgradation for better performance of critical parts of agricultural machinery | ICAR-APCF | Saxena,B.K.,Shri<br>Regional Research Laboratory, Bhopal<br>Hoshangabad Road, Near Habibganj Naka<br>Bhopal-462026, Madhya Pradesh | 9.19 | 36 |
| 114 | Studies on the utilization of durum wheat | ICAR-APCF | Sekhon,K.S.,Dr.<br>Department of Food Science & Technology<br>Punjab Agricultural University<br>Ludhiana-141004, Punjab | 7.70 | 36 |
| 115 | Field evaluation and operation research on farm drying and storage of food grains for minimising losses | ICAR-APCF | Mohanty,S.N.,Dr.<br>Department of Agricultural<br>Processing & Food Engg.<br>Orissa University of Agriculture & Technology<br>Bhubaneswar-751003, Orissa | 6.22 | 36 |
| 116 | Effect of solvent (n-heane) extracted soyabean meal on main systems of albino rat with special reference to thin physiological functions and listo - pathological changes | ICAR-APCF | Norton,S.P.,Dr.<br>Department of Zoology<br>Motilal Vigyan Adarsh Mahavidyalaya<br>Bhopal-462001, Madhya Pradesh | 3.93 | 36 |
| 117 | Kraft paper from cotton stalks for use in the production of corrugated fibre board boxes for packaging of fruits | ICAR-APCF | Sahaikh,A.J.,Dr.<br>Cotton Technological Research Laboratory<br>Matunga<br>Bombay-400019, Maharashtra | 5.70 | 36 |

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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 118 | Survey of mushroom flora of Assam and cultivation oyster and paddy straw mushroom with low cost technology | ICAR-APCF | Bhagabati,K.N.,Dr.<br>Department of Plant Pathology<br>Assam Agricultural University<br>College of Agriculture<br>Jorhat-785013, Assam | 1.61 | 36 |
| 119 | Half sib family selection in sweet potato | ICAR-APCF | Naskar,S.K.,Dr.<br>Central Tuber Crops Research Institute<br>Thiruvananthapuram-695017,Kerala | 1.61 | 36 |
| 120 | Increasing production potentiality of Colo (Arun, Tew, Dahesen and Katchi) in pleateau region of Bihar | ICAR-APCF | Kumar,R.,Dr.<br>Department of Horticulture<br>Bihar Agricultural University<br>Kanke<br>Ranchi-834006, Bihar | 1.61 | 36 |
| 121 | Domestication studies on gymnema sylvestre schult | ICAR-APCF | Khadar,M.D.A.,Dr.<br>Department of Spices & Plantation Crops<br>Tamil Nadu G.D. Naidu<br>Agricultural University<br>Coimbatore-641003, Tamil Nadu | 5.02 | 36 |
| 122 | Breeding high yielding varieties and standardisation of agrotechniques for chirongi (Bhuchanamia latifolia) | ICAR-APCF | Maurya,K.R.,Dr.<br>Department of Horticulture<br>Tirhut College of Agriculture<br>Dholi<br>Muzzafarpur-842001, Bihar | 5.93 | 36 |
| 123 | Improvement of plantagro ovata source of isabgol | ICAR-APCF | Kaul,A.K.,Prof.<br>Department of Bio-Sciences<br>Jammu University<br>Jammu Tawi-180001,<br>Jammu & Kashmir | 4.02 | 36 |
| 124 | Investigation on the seed set potential of selected high value flowering camaloo in Punjab for export | ICAR-APCF | Gill,A.P.S.,Dr.<br>Punjab Agricultural University<br>Ludhiana-141004,Punjab | 2.36 | 36 |
| 125 | Genetic amelioration of tuber (Palianthes tuberose linn) for high yield of essential oil | ICAR-APCF | Srivastava,H.C.,Dr.<br>Indian Institute of Horticultural Research<br>255 Upper Palace Orchards, 18th Cross<br>Bangalore-560080, Karnataka | 4.11 | 36 |
| 126 | Cytogenetic investigation on Kaemppia galaganga L., Piper Longum L. and Andrographis Paniculeta Brum | ICAR-APCF | Viswanathan,T.V.,Dr.<br>Kerala Agricultural University<br>College of Horticulture<br>Trissur-680654, Kerala | 4.81 | 36 |
| 127 | Standardisation of the micropropagation techniques of some important indigenous flowers of North-Eastern region particularly of Assam | ICAR-APCF | Paswan,L.J.,Dr.<br>Assam Agricultural University<br>College of Agriculture<br>Jorhat-785013, Assam | 4.06 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 128 | Causes of non-seed setting in some ornamental balbous plants | ICAR-APCF | Gowda,J.V.N.,Dr.<br>Division of Horticulture<br>Agricultural Sciences University, Bangalore<br>GKVK<br>Bangalore-560065, Karnataka | 3.71 | 36 |
| 129 | Improvement of chryson themam, authuriam and orchids in Konkan region | ICAR-APCF | Rangwala,A.D.,Dr.<br>Konkan Krishi Vidyapeeth<br>Dapoli-415712,Maharashtra | 3.42 | 36 |
| 130 | Survey collection and evaluation of promising genotype of Aonla, Bar custurd apple and jamun | ICAR-APCF | Nema,B.K.,Dr.<br>Department of Pomology & Fruit Preservation<br>Jawaharlal Nehru Krishi Vishwavidyalaya<br>College of Agriculture<br>Jabalpur-482004, Madhya Pradesh | 1.99 | 36 |
| 131 | Selection of superior cultivars and clones in delicious group of apple | ICAR-APCF | Karkaro,B.K.,Dr.<br>Regional Research Station, Shimla<br>Mosholra<br>Shimla-171001, Himachal Pradesh | 3.25 | 36 |
| 132 | Selection of superior clones of pear in H.P. | ICAR-APCF | Gautam,D.A.,Dr.<br>Temperate Horticultural Research Station<br>Kot Khai<br>Shimla-171202, Himachal Pradesh | 4.27 | 36 |
| 133 | Orchard efficiency analysis in mango | ICAR-APCF | Reddy,Y.T.N.,Dr.<br>Indian Institute of Horticultural Research<br>255 Upper Palace Orchards, 18th Cross<br>Bangalore-560080, Karnataka | 3.10 | 36 |
| 134 | Integrated nutrient and water management in banana | ICAR-APCF | Reddy,B.M.C.,Dr.<br>Indian Institute of Horticultural Research<br>255 Upper Palace Orchards, 18th Cross<br>Bangalore-560080, Karnataka | 2.67 | 36 |
| 135 | Drip irrigation studies in mango | ICAR-APCF | Srinivas,K.,Dr.<br>Indian Institute of Horticultural Research<br>255 Upper Palace Orchards, 18th Cross<br>Bangalore-560080, Karnataka | 5.54 | 36 |
| 136 | Productivity based nutrition of apple, pear and plum orchards in Kullu valley | ICAR-APCF | Verma,H.S.,Dr.<br>Regional Horticultural Research Station<br>Bajaura<br>Kulu-175101, Himachal Pradesh | 3.57 | 36 |
| 137 | Development of integrated system for management of late blight in tomato | ICAR-APCF | Singh,S.,Dr.<br>Punjab Agricultural University<br>Ludhiana-141004,Punjab | 4.47 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 138 | Improvement of Amaranth leafy vegetables of Orissa | ICAR-APCF | Misra,P.K.,Dr.<br>Orissa University of Agriculture & Technology<br>College of Agriculture<br>Bhubaneswar-751003, Orissa | 1.70 | 36 |
| 139 | Development of commercial egg type stock using reciprocal recurrent selection | ICAR-APCF | Singh,B.P.,Dr.<br>C.S. Azad University of Agriculture & Technology<br>Kanpur-208002,Uttar Pradesh | 3.19 | 48 |
| 140 | Conservation of germplasm of vechhur cattle of the coastal area and dwarf cattle of the high range of Kerala | ICAR-APCF | Sosamma,,Dr.<br>Department of A G & B<br>Kerala Agricultural University<br>Trissur-680654, Kerala | 25.53 | 36 |
| 141 | Preservation and improvement of panganur breed of cattle | ICAR-APCF | Krishnamacharyalu,E.,Dr.<br>Livestock Research Station<br>Palampur-176061,Himachal Pradesh | 16.81 | 36 |
| 142 | A field survey on the performance of swamp buffaloes Assam | ICAR-APCF | Das,D.,Dr.<br>Department of A G & B<br>Assam Agricultural University<br>College of Veterinary Sciences<br>Khanapara-785013, Assam | 8.23 | 36 |
| 143 | A survey of kangayam cattle | ICAR-APCF | Prabhaharan,R.,Dr.<br>Department of Animal Husbandry Economics<br>Tamil Nadu G.D. Naidu Agricultural University<br>Madras Veterinary College<br>Madras-641003, Tamil Nadu | 16.06 | 36 |
| 144 | Blood groups and biochemical polymorphism studies in Indian camels | ICAR-APCF | Khanna,N.D.,Dr.<br>National Research Centre on Camel<br>Jorbeer, Shivbari<br>Bikaner-334001, Rajasthan | 11.62 | 36 |
| 145 | Study on the marketing of milk and milk products in north western U.P. | ICAR-APCF | Arora,V.P.S.,Dr.<br>Department of Agricultural Economics<br>G.B. Pant University of Agriculture & Technology<br>Nainital<br>Pantnagar-263145, Uttar Pradesh | 1.80 | 24 |
| 146 | A study on poverty alleviation programme in Bundelkhand region of central U.P. | ICAR-APCF | Singh,J.P.,Dr.<br>Department of Agricultural Economics<br>R.B.S. College<br>Bichpuri<br>Agra-282001, Uttar Pradesh | 0.88 | 18 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 147 | Technology structure and resource productivity in agriculture - a study of factors of change and policies | ICAR-APCF | Sharma,R.D.,Dr.<br>Tata Energy Research Institute<br>J-7, Saket<br>New Delhi-110017, Delhi | 5.81 | 36 |
| 148 | Work participation and drudgery of hill women | ICAR-APCF | Chand,R.,Dr.<br>Department of Agricultural Economics<br>Dr. Y.S. Parmar University of Horticulture & Forestry<br>Nauni<br>Solan-173230, Himachal Pradesh | 1.80 | 24 |
| 149 | Role of markets, government and cooperatives in shaping contractual relation for rural development - an empirical study of selected villages from West Bengal | ICAR-APCF | Datta,S.K.,Dr.<br>Indian Institute of Management, Ahmedabad<br>Vastrapur<br>Ahmedabad-380001, Gujarat | 5.26 | 36 |
| 150 | Impact of recent changes in fertilizer price policy on fertilizer consumption at farm level | ICAR-APCF | Roy,T.K.,Dr.<br>Institute for Resources Management & Economic Development<br>C-191, Vivek Vihar<br>Delhi-110095, Delhi | 1.80 | 24 |
| 151 | Studies on the biochemical basis of leaf blight resistance in wheat | UGC-MJRP | Sinha,R.,Dr.<br>Department of Genetics<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 2.61 | 36 |
| 152 | Improvement of mung and urd beans through induced mutagenesis | UGC-MJRP | Singh,V.P.,Dr.<br>Department of Genetics<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 1.60 | 36 |
| 153 | Development of saline tolerent cell line with better nodulation in groundnut through tissue culture | UGC-MJRP | Vivekanandan,M.,Dr.<br>Department of Life Sciences<br>Bharathidasan University<br>Tiruchirapalli-620024, Tamil Nadu | 2.26 | 36 |
| 154 | Development of single cell oil (SCO) process | UGC -MJRP | Yadav,N.K.,Dr.<br>Department of Microbiology<br>Gujarat University<br>Ahmedabad-380009, Gujarat | 2.76 | 36 |
| 155 | The potentialities of mustard production in Gwalior district and its socio-economic effect on the population | UGC -MNRP | Singh,B.P.,Dr.<br>Department of Geography<br>Government M.L.B. Arts & Commerce (Aut) College<br>Gwalior-474001, Madhya Pradesh | 0.20 | 24 |



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# BROAD SUBJECT AREA : BIOLOGICAL SCIENCES

| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 156 | Eco-physiological adaptations of air breathing fishes with special reference to microcirculation of respiratory, excretory and hypothalamo-hypophysial system | CSIR-ES | Munshi,J.S.D.,Prof.<br>P.G. Department of Zoology<br>Bhagalpur University<br>Bhagalpur-812007, Bihar | 3.43 | 36 |
| 157 | Micropropagation of some medicinally important trees | CSIR-ES | Lakshmanan,K.K.,Dr.<br>Department of Botany<br>Bharathiar University<br>Coimbatore-641046, Tamil Nadu | 4.15 | 36 |
| 158 | (i) Genetic organisation (ii) Transgenosis | CSIR-ES | Notani,N.K.,Dr.<br>Biomedical Group<br>Bhabha Atomic Research Centre<br>Bombay-400025, Maharashtra | 3.43 | 36 |
| 159 | Utilisation of marine biomass for biogas production | CSIR-ES | Venugopalan,V.K.,Shri<br>Centre for Advanced Studies in Marine Biology<br>Annamalai University<br>Parangipettai-608502, Tamil Nadu | 3.43 | 36 |
| 160 | An in vitro/in vivo comparision of yolk-sac function and embryo development for teratogenic screening of new drugs/compounds in laboratory animals | CSIR-ES | Sethi,N.,Dr.<br>Division of Toxicology<br>Central Drug Research Institute<br>Chattar Manzil<br>Lucknow-226001, Uttar Pradesh | 2.64 | 36 |
| 161 | Biosynthesis in vitro of a novel glycosphingolipid from embryonic brains | CSIR-EXTRM | Das,K.K.,Dr.<br>Department of Bioscience<br>Birla Institute of Technology and Science<br>Pilani-333031, Rajasthan | 5.29 | 36 |
| 162 | Effect of oxidative stress on erythrocyte membrane structure and function in chronic myelogenous leukemia | CSIR-EXTRM | Basu,J.,Dr.<br>Department of Chemistry<br>Bose Institute<br>93/1, A.P.C. Road<br>Calcutta-700009, West Bengal | 3.09 | 36 |
| 163 | Myoinositol tris and tetrakisphosphate generated by phytase action on myoinositol hexakisphosphate and its involvement in signal transduction processes in plant cell | CSIR-EXTRM | Biswas,S.,Dr.<br>Department of Biochemistry<br>Bose Institute<br>93/1, A.P.C. Road<br>Calcutta-700009, West Bengal | 3.09 | 36 |
| 164 | Genetic, developmental and molecular characterisation of two novel Drosophila genes, toss and nest, controlling early embryonic development | CSIR-EXTRM | Sinha,P.,Dr.<br>School of Life Sciences<br>Devi Ahilya Vishwavidyalaya<br>Khandwa Road<br>Indore-452001, Madhya Pradesh | 9.29 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 165 | To explore the mechanism of enhanced nitrogen fixation by azide resistant strains of rhizobium and bradyrhizobium | CSIR-EXTRM | Vashisht,R.K.,Dr.<br>Department of Genetics<br>Ch. Charan Singh Haryana Agricultural University<br>Hisar-125004, Haryana | 5.08 | 36 |
| 166 | Involvement of ADP-ribosylation in oral cancer | CSIR-EXTRM | Das,B.R.,Dr.<br>Institute of Life Sciences<br>Bhubaneswar-751007,Orissa | 4.79 | 36 |
| 167 | Functional and structural analysis of a novel glycolipid antigen of Entamoeba histolytica | CSIR-EXTRM | Bhattacharya,A.,Dr.<br>School of Life Sciences<br>Jawaharlal Nehru University<br>New Delhi-110067, Delhi | 5.79 | 36 |
| 168 | Restriction endonucleases of methanogens | CSIR-EXTRM | Bhonsale,S.B.,Dr.<br>Department of Chemistry<br>Maharashtra Association for the Cultivation of Science<br>Law College Road<br>Pune-411004, Maharashtra | 5.23 | 36 |
| 169 | Relationship between cellular radiosensitivity and endogenous glutathione with respect to cytogenetical end-point in mammalian cells both in vivo and in vitro | CSIR-EXTRM | Chatterjee,A.,Dr.<br>Department of Zoology<br>North Eastern Hill University<br>Shillong-793014, Meghalaya | 2.49 | 36 |
| 170 | Involvement of glycolipids in transmembrane signaling : a study of glial and enuronal cells with fluorescence probes | CSIR-EXTRM | Joshi,P.G.,Dr.<br>Department of Biophysics<br>National Institute of Mental Health & Neuro Sciences<br>Hosur Road<br>Bangalore-560029, Karnataka | 3.59 | 36 |
| 171 | Gating of protein channels in biomembrane: a biophysical approach | CSIR-EXTRM | Ghosh,S.,Dr.<br>Department of Biophysics<br>Delhi University<br>South Campus<br>New Delhi-110021, Delhi | 5.68 | 36 |
| 172 | Novel fungal lectins : possible tools for probing plant cell surfaces | CSIR-EXTRM | Swamy,B.M.,Dr.<br>P.G. Department of Studies in Chemistry<br>Karnatak University<br>Dharwad-580003, Karnataka | 2.90 | 36 |
| 173 | Studies on molecular mechanisms of stress impairments in cyanobacteria: analysis of specific effects of temperature, light and UV-B radiation stresses | CSIR-EXTRM | Mohanty,P.K.,Dr.<br>School of Life Sciences<br>Jawaharlal Nehru University<br>New Delhi-110067, Delhi | 7.08 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 174 | Bioecology of poultry shaft louse, Menop on gallinae linne (Phthiraptera : Amblycera) | CSIR-EXTRM | Saxena,A.K.,Dr.<br>Department of Zoology<br>Pt. L.M.S. Government (PG) College<br>Rishikesh-249201, Uttar Pradesh | 2.99 | 36 |
| 175 | Alterations in receptor functions and related membrane phenomena in the etiology of cerebral dysfunction in fulminant hepatic failure | CSIR-EXTRM | Murthy,Ch.R.,Dr.<br>School of Life Sciences<br>Hyderabad University<br>Hyderabad-500134, Andhra Pradesh | 3.79 | 36 |
| 176 | Studies on nutritional pathology and immune response in chosen cultivable fishes | CSIR-EXTRM | Sakthivel,M.,Dr.<br>Department of Zoology<br>Kamaraj College<br>Tuticorin-628003, Tamil Nadu | 4.14 | 36 |
| 177 | Protein engineering : algorithm development and model studies on thymidylate synthase | CSIR-EXTRM | Balram,P.,Prof.<br>Molecular Biophysics Unit<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 7.58 | 36 |
| 178 | The role of intercellular calcium in cell patterning in the cellular slime mould Dictyostelium discoideum : an investigation using flow cytometry and microphotometry | CSIR-EXTRM | Nanjundiah,V.,Dr.<br>Developmental Biology & Genetics Laboratory<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 8.19 | 36 |
| 179 | DNA damages and repair induced by X-irradiation in male germ cells | DAE -BRNS | Raman,M.J.,Dr.<br>Department of Zoology<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 6.20 | 36 |
| 180 | Geobotanical and biogeochemical studies on certain uranium deposits of Rajasthan | DAE -BRNS | Aery,N.C.,Dr.<br>Department of Botany<br>M.L. Sukhadia University<br>College of Science<br>Udaipur-313001, Rajasthan | 2.32 | 36 |
| 181 | Genetic instability in streptomyces | DAE -BRNS | Dharmalingam,K.,Dr.<br>Department of Biotechnology<br>Madurai Kamaraj University<br>Madurai-625021, Tamil Nadu | 8.74 | 36 |
| 182 | Mechanism of sex steroids induced nodulation of thyroid tumorigenesis | DAE -BRNS | Aruldhas,M.M.,Dr.<br>P.G. Institute of Basic Medical Sciences<br>Taramani<br>Madras-600113, Tamil Nadu | 4.03 | 36 |
| 183 | Modeling heavy metal exchange process in lake sediment water system | DAE -BRNS | Salman,S.,Prof.<br>Department of Limnology<br>Barkatullah Vishwavidyalaya<br>Bhopal-462026, Madhya Pradesh | 3.71 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 184 | Studies on the chemical and biological movement of heavy metal in some coastal ecosystems of south Orissa, east cost of India | DAE -BRNS | Panigrahy,R.C.,Dr.<br>Department of Marine Sciences<br>Berhampur University<br>Berhampur-760007, Orissa | 4.08 | 36 |
| 185 | Monitoring of coal mine workers for genotoxic effects | DAE -BRNS | Rudrama Devi,K.,Dr.<br>Department of Zoology<br>Osmania University<br>Hyderabad-500007, Andhra Pradesh | 3.45 | 36 |
| 186 | Evaluation of possible Ras oncogene point mutation in lymphocytes by polymerase chain reaction studies among radiation exposed population | DAE -BRNS | Balakrishnamoorthy,,Dr.<br>Department of Toxicology<br>Fredrick Institute of Plant Protection & Toxicology<br>Chingleput<br>Padappai-601301, Tamil Nadu | 6.78 | 36 |
| 187 | Biotechnology of embryo transfer in buffaloes | DBT -CRP | Chopra,S.C.,Dr.<br>Central Institute for Research on Buffaloes<br>Sirsa Road<br>Hisar-125001, Haryana | 122.06 | 60 |
| 188 | Development of collagen based materials for selected wound healing applications | DBT -CRP | Kumar,M.,Shri<br>Department of Bioproducts Area<br>Central Leather Research Institute<br>Adyar-600020, Tamil Nadu | 14.82 | 36 |
| 189 | Upstream research for cattle herd improvement | DBT -CRP | Talwar,G.P.,Prof.<br>National Institute of Immunology<br>Shaheed Jeet Singh Marg<br>New Delhi-110067, Delhi | 303.73 | 60 |
| 190 | Lipase enzyme technology and its potential applications in leather and other allied industries | DBT -CRP | Puvanakrishnan,R.,Dr.<br>Department of Biotechnology<br>Central Leather Research Institute<br>Adyar-600020, Tamil Nadu | 22.17 | 48 |
| 191 | Cattle herd improvement for increased productivity using embryo transfer technology | DBT -CRP | Kurup,M.P.G.,Dr.<br>National Diary Development Board<br>Anand-388001,Gujarat | 486.23 | 36 |
| 192 | Protoplast culture, genetic transformation and related molecular biological studies in rice and wheat | DBT -CRP | Kothari,S.L.,Dr.<br>Department of Botany<br>Rajasthan University<br>Jaipur-302004, Rajasthan | 14.92 | 36 |
| 193 | Chloroplast biogenesis : protein transport into chloroplasts of wheat and pea plants | DBT -CRP | Tripathy,B.C.,Dr.<br>School of Life Sciences<br>Jawaharlal Nehru University<br>New Delhi-110067, Delhi | 13.38 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 194 | Development of feed technology for semi-intensive/intensive prawn farming | DBT -CRP | Alagarswami,K.,Dr.<br>Central Institute of Brackishwater Aquaculture<br>12, Leith Castle Street<br>Madras-600028, Tamil Nadu | 19.32 | 48 |
| 195 | Monoclonal antibodies for serotyping, diagnosis and antigen characterisation of Aeromonas hydrophila - a pathogen of carps in Indian fish farms | DBT -CRP | Shankar,K.M.,Dr.<br>Department of Aquaculture<br>Agricultural Sciences University, Bangalore<br>College of Fisheries, Kankanady<br>Mangalore-575002, Karnataka | 19.88 | 36 |
| 196 | Intensive freshwater aquaculture in the bay islands through biotechnological tools | DBT -CRP | Sarangi,N.,Dr.<br>Central Agricultural Research Institute<br>A & N Islands, P.B.No.81<br>Port Blair-744101, Andaman & Nicobar | 10.73 | 36 |
| 197 | Laboratory culture and biotechnology of two useful seaweeds | DBT -CRP | Rao,M.U.,Prof.<br>Department of Botany<br>Andhra University<br>Visakhapatnam-530003, Andhra Pradesh | 3.65 | 36 |
| 198 | Analysis of antigen presentation by T lympocytes | DBT -CRP | Rath,S.,Dr.<br>Department of Immunology II<br>National Institute of Immunology<br>Shaheed Jeet Singh Marg<br>New Delhi-110067, Delhi | 13.04 | 36 |
| 199 | Molecular mechanism of regulation and modulation of gene expression for enhanced biosynthesis of artemisinin | DBT -CRP | Jain,S.K.,Shri<br>Department of Biochemistry<br>Jamia Hamdard<br>Hamdard Nagar, Tughlaqabad<br>New Delhi-110062, Delhi | 23.58 | 36 |
| 200 | Maintenance of Brugia malayi filarial parasite in mastomys and immunological studies | DBT -CRP | Harinath,B.C.,Dr.<br>Department of Biochemistry<br>Mahatma Gandhi Institute of Medical Sciences<br>Wardha-442102, Maharashtra | 5.00 | 60 |
| 201 | Human genetic polymorphism with respect to hepatic cytochrome P-450 | DBT -CRP | Kohli,K.K.,Dr.<br>Department of Biochemistry<br>P.G. Institute of Medical Education & Research<br>Chandigarh-160012, Chandigarh | 15.79 | 36 |
| 202 | Malarial parasite: ornithine - decarboxy-lase as a potential target for chemothe-rapy-and molecular mechanism of drug resistance | DBT -CRP | Madhubala,R.,Dr.<br>School of Life Sciences<br>Jawaharlal Nehru University<br>New Delhi-110067, Delhi | 10.00 | 48 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 203 | Application of metal resistant bacteria in bioleaching | DBT -CRP | Srivastave,S.,Dr.<br>Department of Genetics<br>Delhi University<br>South Campus<br>New Delhi-110021, Delhi | 13.53 | 36 |
| 204 | Indigenization and genetic manipulations of rifamycin production in Amycolatopsis mediterranel (Nocardia mediterranei) | DBT -CRP | Lal,R.,Dr.<br>Department of Zoology<br>Sri Venkateswara College<br>Dhaula Kuan<br>New Delhi-110021, Delhi | 27.00 | 60 |
| 205 | Bacterial mediated metal transport factors (siderophores) as biocontrol agents against food spoiling and disease causing fungi and bacteria | DBT -CRP | Bezbaruah,B.,Dr.<br>Regional Research Laboratory, Jorhat<br>Jorhat-785006,Assam | 17.73 | 36 |
| 206 | Cloning of dehydrogenase gene(s) for the study of sorbitol oxidation pathway leading to vitamin C biosynthesis in Erwinia herbicola | DBT -CRP | Qazi,G.N.,Dr.<br>Department of Genetic Engineering<br>Regional Research Laboratory, Jammu Tawi<br>Canal Road<br>Jammu Tawi-180001, Jammu & Kashmir | 15.00 | 36 |
| 207 | Microbial production of 2,3 - butanediol and acetaldehyde by using agrowastes | DBT -CRP | Gupta,K.G.,Dr.<br>Department of Microbiology<br>Punjab University<br>Chandigarh-160014, Chandigarh | 28.00 | 36 |
| 208 | Feasibility study on biological extraction of sulfur from coal | DBT -CRP | Jain,H.C.,Dr.<br>Materials Science Division<br>Shriram Institute for Industrial Research<br>19, University Road<br>Delhi-110007, Delhi | 4.15 | 18 |
| 209 | Genetic engineering of microorganisms for biodegradation of chlorinated pesticides | DBT -CRP | Kumar,A.,Dr.<br>Industrial Toxicology Research Centre<br>Mahatma Gandhi Marg<br>Lucknow-226001, Uttar Pradesh | 15.03 | 36 |
| 210 | Microbial surfactant mediated degradation of recalcitrant xenobiotics | DBT -CRP | Karanth,N.G.K.,Dr.<br>Centre Food Technology Research Institute<br>Infestation Control & Protectants Area<br>Mysore-570013, Karnataka | 25.08 | 36 |
| 211 | Rare, threatened and endangered plants of the Indian desert - an action plan for their conservation | DBT -CRP | Bhandari,M.M.,Dr.<br>Department of Botany<br>Jai Narain Vyas University<br>Plant Taxonomy Laboratory<br>Jodhpur-342001, Rajasthan | 14.44 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 212 | Studies on genetics of bacteria degrading aromatic compounds of pollutional significance | DBT -CRP | Ingle,A.O.,Dr.<br>Department of Microbiology<br>Nagpur University<br>Nagpur-440010, Maharashtra | 9.43 | 36 |
| 213 | Development and application of biosensors for environmental monitoring-pesticide residues | DBT -CRP | Sarin,R.,Dr.<br>Basic Research & Training Division<br>National Environmental Engineering Research Institute<br>Nehru Marg<br>Nagpur-440020, Maharashtra | 30.81 | 36 |
| 214 | Molecular characterization of a germ cell specific lamin and its gene | DBT -CRP | Rao,M.R.S.,Dr.<br>Department of Biochemistry<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 19.49 | 36 |
| 215 | Sequence specific (a-NH-Ubiquitin) protein endoproteases and modulation of cellular proteolysis | DBT -CRP | Jonnalagadda,S.,Dr.<br>Department of Biochemistry<br>Osmania University<br>University College of Science<br>Hyderabad-500007, Andhra Pradesh | 14.27 | 36 |
| 216 | Molecular basis of resistance to cycloguanil and pyrimethamine induced in vitro in clones and field isolates of Plasmodium falciparum malaria | DBT -CRP | Bhasin,V.K.,Dr.<br>Department of Zoology<br>Delhi University<br>Delhi-110007, Delhi | 8.61 | 24 |
| 217 | Protein engineering of low molecular weight protein | DBT -CRP | Ganesh,K.N.,Dr.<br>Organic Chemistry Division<br>National Chemical Laboratory<br>Pune-411008, Maharashtra | 60.16 | 60 |
| 218 | Enzyme inhibitors : a rational strategy for new drug discovery & treatment of AIDS | DBT -CRP | Lohray,B.B.,Dr.<br>Organic Chemistry Division<br>National Chemical Laboratory<br>Pune-411008, Maharashtra | 21.24 | 24 |
| 219 | Tissue specific expression of L-gulonolactone oxidase gene and its evolution | DBT -CRP | Chatterjee,I.B.,Dr.<br>Department of Biochemistry<br>Calcutta University<br>35, Ballygunge Circular Road<br>Calcutta-700019, West Bengal | 21.19 | 36 |
| 220 | Fluorescent-labeled oligonucleotide probes: identification of gene sequences by triple helix formation in solution by fluorescence polarization spectroscopy | DBT -CRP | Salunkhe,M.M.,Dr.<br>Department of Chemistry<br>Shivaji University<br>Kolhapur-416004, Maharashtra | 10.94 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 221 | Studies on structure-function relationship of psophocarpin B, a chymotrypsin inhibitor: a programme for the initiation of protein engineering | DBT -CRP | Singh,M.,Dr.<br>Department of Biochemical Engineering<br>Indian Institute of Chemical Biology<br>4, Raja S.C. Mullick Road<br>Calcutta-700032, West Bengal | 97.31 | 60 |
| 222 | Structural studies of biologically important molecules - oligonucleotides, proteins peptides, nucleotides, steroids and model compounds | DBT -CRP | Viswamitra,M.A.,Prof.<br>Department of Physics<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 97.00 | 60 |
| 223 | High level production of cloned streptokinase and the design and development of analogs with enhanced therapeutic applicability | DBT -CRP | Sahni,G.,Dr.<br>Institute of Microbial Technology<br>Sector 39 A, Post Box No. 1304<br>Chandigarh-160014, Chandigarh | 96.91 | 60 |
| 224 | Drosophila stock centre - III (supplementary) genetics research unit | DBT -CRP | Mukherjee,A.S.,Prof.<br>Department of Zoology<br>Calcutta University<br>35, Ballygunge Circular Road<br>Calcutta-700019, West Bengal | 9.53 | 36 |
| 225 | Promotion of biotechnology programmes for SC&ST of Ranchi district (Bihar) | DBT -CRP | Atmavidananda,S.,Shri<br>Ramakrishna Mission Ashram<br>Divyayan KVK, Morabadi<br>Ranchi-834008, Bihar | 12.82 | 36 |
| 226 | Establishment of chawki rearing centres (CRC's) for tropical tasar silkworm | DBT -CRP | Thangavelu,K.,Dr.<br>Central Tasar Research & Training Institute<br>Nagri<br>Ranchi-834005, Bihar | 4.85 | 72 |
| 227 | Isozymes as biochemical markers for germ plasm characterisation and genetic enhancement in Brassicas | DBT -CRP | Arunachalam,V.,Dr.<br>Division of Genetics<br>Indian Agricultural Research Institute<br>Pusa<br>New Delhi-110012, Delhi | 31.30 | 48 |
| 228 | Stabilization of ecology of coastal sandunes and saline soils by large scale propagation of elite clones of desert economic plants andhalophytes | DBT -CRP | Iyengar,E.R.R.,Dr.<br>Department of Phytosalinity<br>Central Salt & Marine Chemicals<br>Research Institute<br>Bhavnagar-364002, Gujarat | 36.70 | 36 |
| 229 | Conservation of phytodiversity (flowering plants) through in vitro strategies | DBT -CRP | Chaturvedi,H.C.,Dr.<br>Tissue Culture Laboratory<br>National Botanical Research Institute<br>Rana Pratap Marg<br>Lucknow-226001, Uttar Pradesh | 20.97 | 60 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 230 | Development of etomycorrhizal inoculum production and application technology | DBT -CRP | Satyanarayana,T.,Dr.<br>Department of Microbiology<br>Delhi University<br>South Campus<br>New Delhi-110021, Delhi | 29.10 | 36 |
| 231 | Mycorrhizal dependency, seedling establiment and plant growth of Casuraina equisetifolia forest, in Andhra Pradesh, Orissa and Tamil Nadu | DBT -CRP | Mancharachary,C.,Dr.<br>Department of Botany<br>Osmania University<br>Hyderabad-500007, Andhra Pradesh | 14.82 | 36 |
| 232 | Dependency evaluation and selection of efficient strains of VA-mycorrhizal fungi for Acacia nilotica and Prospois cineraria grown in Gujarat and Rajasthan | DBT -CRP | Srivastava,H.P.,Dr.<br>Department of Botany<br>Jai Narain Vyas University<br>Jodhpur-342001, Rajasthan | 3.89 | 60 |
| 233 | Development of transgenesis system in silk-worm species : germline and transient expressions | DBT -CRP | Gopinathan,K.P.,Dr.<br>Department of Microbiology & Cell Biology<br>Indian Institute of Science<br>Centre for Genetic Engineering<br>Bangalore-560012, Karnataka | 19.90 | 36 |
| 234 | Development of laser techniques for fertility control | DOE -NPC | Guha,S.K.,Prof.<br>Centre for Biomedical Engineering<br>Indian Institute of Technology, Delhi<br>New Delhi-110016, Delhi | 8.20 | 18 |
| 235 | Meroplankton productivity and larval resources of Gulf of Mannar biosphere reserve | DOEN-BRS | Subramanian,P.,Dr.<br>School of Life Sciences<br>Bharathidasan University<br>Tiruchirapalli-620024, Tamil Nadu | 2.50 | 36 |
| 236 | Study on the biology and bioaccumulation of bivalves in Gulf of Mannar | DOEN-BRS | Hameed,P.S.,Dr.<br>Department of Zoology<br>Jamal Mohamed College<br>Tiruchirapalli-620020, Tamil Nadu | 1.79 | 36 |
| 237 | Inventorisation of angiosperms | DOEN-BRS | Balakrishnan,N.P.,Dr.<br>Botanical Survey of India (Southern Circle)<br>T.N.A.U. Campus, Lawley Road<br>Coimbatore-641003, Tamil Nadu | 3.07 | 36 |
| 238 | Impact of human interference on the plant and bird communities in the Nilgiri biosphere reserve | DOEN-BRS | Vijayan,L.,Dr.<br>Saleem Ali Centre for Ornithology<br>& Natural History<br>Kalampalayam P.O.<br>Coimbatore-641010, Tamil Nadu | 8.81 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 239 | Time-bound pilot project on coral reef methodology | DOEN-BRS | Paulpandian,A.L.,Dr.<br>Centre of Advanced Studies in Marine Biology<br>Annamalai University<br>Parangipettai-608502, Tamil Nadu | 2.40 | 36 |
| 240 | Taxonomic and ecological survey of the Lakshadeep for Perumal marine park | DOEN-MW | Rodrigues,C.L.,Dr.<br>Department of Marine Sciences<br>Goa University<br>Bambolim<br>Panaji-403005, Goa | 3.41 | 36 |
| 241 | Distribution ecology and conservation of the fauna of Ratnagiri coast mangroves | DOEN-MW | Nagabhushanam,R.,Dr.<br>Department of Zoology<br>Marathwada University<br>Aurangabad-431004, Maharashtra | 3.16 | 36 |
| 242 | Potentialities of tidal mangrove forests of the sunderbans with special reference to estuarine fisheries and forestry | DOEN-MW | Naskar,K.,Dr.<br>Department of Economy<br>Central Inland Capture Fisheries Research Institute<br>Barrackpore-743101, West Bengal | 4.67 | 36 |
| 243 | Enumeration and characterisation of myco-flora from Bhitarkanika mangrove vegitation and their impact on seed quality | DOEN-MW | Aruna.K.,Dr.<br>Department of Botany<br>Utkal University<br>Bhubaneswar-751004, Orissa | 3.68 | 36 |
| 244 | Ecological status study and survey of benthic macro and meiofauna and Ichthyofauna of Bhitarkanika mangrove estuaries of Mahanadi river system | DOEN-MW | Sharma,A.L.N.,Dr.<br>P.G. Department of Life Sciences<br>Regional College of Education<br>N.C.E.R.T.<br>Bhubaneswar-751001, Orissa | 4.76 | 36 |
| 245 | Cataloguing of insect herbivores and the relation to host plant pheno-logies in the mangals of the A & N islands | DOEN-MW | Bandyopadhyay,A.K.,Dr.<br>Central Agricultural Research Institute<br>A & N Islands, P.B.No.81 | 3.98 | 36 |
| 246 | Biology of micro algae in south India mangroves | DOEN-MW | Anand,N.,Dr.<br>Centre of Advanced Study in Botany<br>Madras University<br>Guindy Campus<br>Madras-600005, Tamil Nadu | 2.69 | 36 |
| 247 | Studies on the biodiversity of fungal de-composers involved in degradation process-es of mangrove biomass in estuaries | DOEN-MW | Vittal,B.P.R.,Dr.<br>Centre of Advanced Studies in Botany<br>Madras University<br>Guindy Campus<br>Madras-600005, Tamil Nadu | 2.32 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 248 | Impact analysis of anthropogenic activities on productivity, soil erosion, eutrophication and sedimentation of Surha Tal (Ballia) lake and surrounding wetlands and the habitat restoration | DOEN-MW | Ambasht,R.S.,Prof.<br>Centre of Advanced Study in Botany<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 4.48 | 36 |
| 249 | Evaluation of the impact of the use of biocidal plant sap in fishing on the ecophysiology and conservation of hill stream fishes of tribal belt of Bihar | DOEN-R&D | Ojha,J.,Prof.<br>Department of Zoology<br>Bhagalpur University<br>Bhagalpur-812007, Bihar | 4.32 | 36 |
| 250 | South Indian-tribal pulses germplasm resources management biochemical studies. | DOEN-R&D | Janardhan,K.,Dr.<br>Department of Botany<br>Bharathiar University<br>Coimbatore-641046, Tamil Nadu | 3.96 | 36 |
| 251 | Ecobiology and culture of frogs | DOEN-R&D | Tiwari,K.K.,Prof.<br>Department of Zoology<br>Barkatullah Vishwavidyalaya<br>Bhopal-462026, Madhya Pradesh | 6.75 | 36 |
| 252 | Ecology & biology of China doddar cuscuta chinensis Lamark and biotechniques in managing the same | DOEN-R&D | Rao,P.N.,Prof.<br>Department of Botany<br>Nagarjuna University<br>Nagarjunanagar<br>Guntur-522510, Andhra Pradesh | 2.53 | 36 |
| 253 | Genetic studies on chocolate mahaseer | DOEN-R&D | Chatterjee,K.,Prof.<br>Department of Zoology<br>North Eastern Hill University<br>Shillong-793014, Meghalaya | 7.11 | 36 |
| 254 | Biological monitoring of aluminium in North India, metabolism of aluminium and its toxic effects on brain in monkeys | DOEN-R&D | Gill,K.D.,Dr.<br>Department of Bio-chemistry<br>P.G. Institute of Medical Education & Research<br>Chandigarh-160012, Chandigarh | 4.26 | 36 |
| 255 | Degradation of organic pollutants by ligniases of Phanerochaete chrysosperium | DOEN-R&D | Yadav,K.D.S.,Dr.<br>Department of Chemistry<br>Gorakhpur University<br>Gorakhpur-273009, Uttar Pradesh | 3.61 | 36 |
| 256 | Removal of heavy metal ions from metallurgical waste water by microorganisms | DOEN-R&D | Roychoudhary,G.,Dr.<br>Regional Research Laboratory, Bhubaneswar<br>Bhubaneswar-751013,Orissa | 5.16 | 36 |
| 257 | Environmental impact assessment of transport projects-methodology development for Indian conditions | DOEN-R&D | Tiwari,G.,Dr.<br>Indian Institute of Technology, Delhi<br>New Delhi-110016,Delhi | 2.32 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 258 | Pesticidal toxicity to honey bees and residues in honey | DOEN-R&D | Sihag,R.C.,Dr.<br>Department of Zoology<br>Ch. Charan Singh Haryana Agricultural University<br>Hisar-125004, Haryana | 3.95 | 36 |
| 259 | Studies on degradation of gelatine factory effluent by bacteria | DOEN-R&D | Hasija,S.K.,Prof.<br>Department of Biological Sciences<br>Rani Durgavati University<br>Jabalpur-482001, Madhya Pradesh | 2.76 | 36 |
| 260 | Development of environmentally safe, ecologically compatible termite control measures for buildings | DOEN-R&D | Sharma,R.N.,Dr.<br>National Chemical Laboratory<br>Pune-411008,Maharashtra | 4.85 | 36 |
| 261 | Development of environmentally safe, ecologically compatible termitecontrol measures for buildings | DOEN-R&D | Singh,Y.,Dr.<br>Roorkee University<br>Roorkee-247667,Uttar Pradesh | 3.38 | 36 |
| 262 | Physiological and biological characteristics of aquatic bodies with special reference to industrial pollution | DOEN-R&D | Srivastava,V.K.,Dr.<br>Department of Chemistry<br>Gorakhpur University<br>Gorakhpur-273009, Uttar Pradesh | 2.46 | 36 |
| 263 | Criteria for recommended standards for human exposure to environmental heat | DOEN-R&D | Nag,P.K.,Dr.<br>National Institute of Occupational Health<br>Ahmedabad-380016,Gujarat | 3.20 | 36 |
| 264 | Pesticide pollution in tea graden of Himachal Pradesh | DOEN-R&D | Kashyap,N.P.,Dr.<br>Department of Entomology<br>Himachal Pradesh Krishi Vishwavidyalaya<br>Palampur-176062, Himachal Pradesh | 4.29 | 36 |
| 265 | Evaluation of the efficiency of the stress protein response as a biochemical water quality biomaker | DOEN-R&D | Ferandaz,T.V.,Dr.<br>Department of Aquatic Biology<br>Kerala University<br>Thiruvananthapuram-695034, Kerala | 8.32 | 36 |
| 266 | Optimisation of engineering aspects for spend wash conditioning and resources recovery using water hyacinth system | DOEN-R&D | Joglekar,V.R.,Dr.<br>Shivasadan Renewable Engery Research Institute<br>Sangli-416416,Maharashtra | 3.34 | 36 |
| 267 | Ecotoxicological studies of dyeing and printing industry effluent on fish with special reference to the muscle growth dynamic | DOEN-R&D | Mansuri,A.P.,Dr.<br>Department of Bioscience<br>Saurashtra University<br>Rajkot-360005, Gujarat | 5.34 | 36 |
| 268 | Pollution studies and environmental health hazard around lead mine area at Sargipalli | DOEN-R&D | Naik,B.N.,Dr.<br>Department of Zoology<br>Ravenshaw College<br>Cuttack-753003, Orissa | 3.99 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 269 | Thermophilic actinomycetes : environmental prevalance, clinical significance, purification and characterization of their antigens | DOEN-R&D | Singh,S.,Dr.<br>School of Life Sciences<br>Guru Nanak Dev University<br>Amritsar-143005, Punjab | 6.79 | 36 |
| 270 | Toxicology of petroleum hydrocarbons in marine ecosystems : marine food chain and marine living resources | DOEN-R&D | Ansari,Z.A.,Dr.<br>Biological Oceanography Division<br>National Institute of Oceanography<br>Dona Paula-403004, Goa | 6.89 | 36 |
| 271 | An epidemiological study on endemic flurosis in tribal areas of southern Rajasthan | DOEN-R&D | Choubisa,S.L.,Dr.<br>Department of Zoology<br>S.B.P. Government College<br>Dungarpur-314001, Rajasthan | 2.75 | 36 |
| 272 | Field and laboratory studies on bioaccumulation biotransference of Hg,As,Cu and Cd in the marine food chains | DOEN-R&D | Rao,V.N.R.,Dr.<br>Department of Botany<br>Madras University<br>Guindy Campus<br>Madras-600025, Tamil Nadu | 6.62 | 36 |
| 273 | Impact of heavy metals and toxic wastes on some physiological and bioenergetics of the prawn, M. Malcomsoni in the river Cauvery | DOEN-R&D | Vimla Rani,G.V.,Dr.<br>School of Life Sciences<br>Bharathidasan University<br>Tiruchirapalli-620024, Tamil Nadu | 7.26 | 36 |
| 274 | Tropical mountain flora of eastern and western ghats with reference to its north temperate affinities | DOEN-R&D | Kumar,V.,Dr.<br>Centre for Inter-disci. Studies of Mountain Hill<br>Delhi University<br>Zakir Hussain College Campus<br>Delhi-110006, Delhi | 21.27 | 36 |
| 275 | Mining activity and its impact on water chemistry, microbial ecology and environment, biocholim talukas, western ghats Goa- possible restoration measures | DOEN-R&D | Nayak,G.N.,Dr.<br>Department of Marine Sciences<br>Goa University<br>P.O. Santa Cruz<br>Panaji-403005, Goa | 7.96 | 36 |
| 276 | Impact of mining and iron rich soil on the pattern of vegetation and microflora | DOEN-R&D | Kaveriappa,K.M.,Prof.<br>Department of Applied Botany<br>Mangalore University<br>Mangalagangotri-574199, Karnataka | 10.84 | 36 |
| 277 | Studies on natural resources and human impact in a microcatchment ofthe western ghats | DOEN-R&D | Poyyamozhi,G.,Dr.<br>Salim Ali School of Ecology & Environmental Sci.<br>Pondicherry University<br>Pondicherry-605014, Pondicherry | 3.66 | 36 |
| 278 | Vegetation dynamics of the grassland forest ecosystem in western ghat of Kerala for afforestation programme | DOEN-R&D | Chand Basha,S.,Dr.<br>Kerala Forest Research Institute<br>Peechi-680653,Kerala | 4.83 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 279 | An ecosystem analysis of kodyar forest in western ghats | DOEN-R&D | Kuthalingam,M.D.,Prof.<br>Department of Botany<br>Madurai Kamaraj University<br>Madurai-625021, Tamil Nadu | 8.91 | 36 |
| 280 | The coordinated integrated ecological and socio-economic studies of mid-Gangavati river basin, forming a part of western ghats, Uttara Kannada district, Karnataka State | DOEN-R&D | Chavadi,V.C.,Prof.<br>Karnatak University<br>Academic Staff College<br>Dharwad-580003, Karnataka | 8.80 | 36 |
| 281 | Assessment of the impact of monoculture plantations of exotic species on hill stations of the western ghats of the Tamil Nadu with reference to the management of health hazards | DOEN-R&D | Rao,G.R.,Prof.<br>Department of Botany<br>Bharathidasan University<br>Tiruchirapalli-620024, Tamil Nadu | 5.27 | 36 |
| 282 | Biochemical concept of narcotic addicts rehabilitation to restrain border disturbances | DRDO-GIA | Govindaswamy,S.,Dr.<br>Department of Biochemistry<br>Madras University<br>Guindy Campus<br>Madras-600025, Tamil Nadu | 2.67 | 36 |
| 283 | Hydroperoxides in oxidative stress and metabolic regulation | DST -SERC | Ramasarma,T.,Prof.<br>Department of Biochemistry<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 8.21 | 36 |
| 284 | Identification, isolation and characterisation of the haemopoietic puripotent stem cell adhesion molecule | DST -SERC | Rao,S.G.A.,Dr.<br>Department of Cell Biology<br>Cancer Research Institute<br>Tata Memorial Centre<br>Bombay-400012, Maharashtra | 8.92 | 36 |
| 285 | Delineation of the antigenic determinants of human follicle stimulation hormone using synthetic peptides of its beta-sub units | DST -SERC | Iyer,K.S.,Dr.<br>Institute for Research in Reproduction<br>Bombay-400012,Maharashtra | 7.16 | 36 |
| 286 | Systematics of Tricholepsis (Asteraceae) | DST -SERC | Pandey,A.K.,Dr.<br>Department of Botany<br>Bhagalpur University<br>Bhagalpur-812007, Bihar | 3.45 | 36 |
| 287 | Influence of enhanced UV-B irradiation and tropospheric ozone on plants | DST -SERC | Agrawal,M.,Dr.<br>Department of Botany<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 11.79 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 288 | Metal ion hyperaccumulating resistant strains of fungi | DST -SERC | Mohan,P.M.,Dr.<br>Department of Biochemistry<br>Osmania University<br>Hyderabad-500007, Andhra Pradesh | 12.61 | 36 |
| 289 | Reduction of chromium toxicity by genetic manipulation of bacteria from leather tannery effluents | DST -SERC | Tripathi,A.,Dr.<br>Department of Biotechnology<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 6.29 | 36 |
| 290 | Stabilisation of vesicular assemblies of polymerisable lipids containing hydrophilic spacer groups through biodegradable linkage | DST -SERC | Ganesh,K.N.,Dr.<br>Organic Chemistry Division<br>National Chemical Laboratory<br>Pune-411008, Maharashtra | 14.31 | 36 |
| 291 | Characterisation of mRNA-3-end formation in yeast | DST -SERC | Mahadevan,S.,Prof.<br>Department of Biochemistry<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 7.32 | 36 |
| 292 | Domain structure of lectins, modes of their receptor recognition and forces involved therein : fluorescence, relaxation spectroscopy and calorimetric studies | DST -SERC | Surolia,A.,Prof.<br>Department of Biochemistry<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 15.63 | 36 |
| 293 | Fibroin and fibroin-related genes of silk worm : structure and control of expression | DST -SERC | Gopinathan,K.P.,Dr.<br>Department of Microbiology & Cell Biology<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 10.40 | 36 |
| 294 | Phosphokinases : mechanistic studies and inhibitor design | DST -SERC | Durani,S.,Dr.<br>Department of Chemistry<br>Indian Institute of Technology, Bombay<br>Powai<br>Bombay-400076, Maharashtra | 12.25 | 36 |
| 295 | Studies on cellular translocation in artificial matrices and its relevance to cell mortality in vivo | DST -SERC | Khan,M.Y.,Dr.<br>Department of Biochemistry<br>North Eastern Hill University<br>Shillong-793014, Meghalaya | 6.88 | 36 |
| 296 | Systematic studies on the Indian Aphelindae (Hymenoptera:Chalcidoidea) | DST -SERC | Hayat,M.,Dr.<br>Department of Zoology<br>Aligarh Muslim University<br>Aligarh-202002, Uttar Pradesh | 4.21 | 36 |
| 297 | Animal model for the pathogenesis and therapy of cerebral mycosis caused by neurotropic fungi | DST -SERC | Singh,S.M.,Dr.<br>Department of Biological Sciences<br>Rani Durgavati University<br>Jabalpur-482001, Madhya Pradesh | 4.93 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 298 | Identification and characterisation of hepatitis-B variants | DST -SERC | Khandekar,P.S.,Dr.<br>Gene Expression Laboratory<br>National Institute of Immunology<br>Shaheed Jeet Singh Marg<br>New Delhi-110067, Delhi | 5.01 | 36 |
| 299 | Experimental manipulation of longevity, lipofusion formation and neuron loss in mouse brain | DST -SERC | Patro,I.K.,Dr.<br>Department of Zoology<br>Jiwaji University<br>Gwalior-474011, Madhya Pradesh | 12.12 | 36 |
| 300 | Studies of heme environment and its role in catalysis by lignin peroxidase of Ph anerochaeec chrysosporium | DST -SERC | Yadav,K.D.S.,Dr.<br>Department of Chemistry<br>Gorakhpur University<br>Gorakhpur-273009, Uttar Pradesh | 7.42 | 36 |
| 301 | Field laboratory studies on the interaction between rotifers and cladocerans | DST -SERC | Rao,T.R.,Prof.<br>Department of Zoology<br>Delhi University<br>Delhi-110007, Delhi | 6.62 | 36 |
| 302 | Novel genetic variants of Neurospora crassa and their applications in genetics | DST -SERC | Maheshwari,R.,Prof.<br>Department of Biochemistry<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 5.89 | 36 |
| 303 | Micropropagation of cashewnut | DST -SERC | Jha,S.,Dr.<br>Department of Botany<br>Calcutta University<br>35, Ballygunge Circular Road<br>Calcutta-700019, West Bengal | 4.54 | 36 |
| 304 | Enteric infection characteristics of binding of Schigella dysenteriae-1 to intestinal enterocytes and pure intestinal mucin | DST -SERC | Niranjali,S.,Dr.<br>Department of Biochemistry<br>Madras University<br>Guindy Campus<br>Madras-600025, Tamil Nadu | 8.80 | 36 |
| 305 | Elucidation of role of eicosanoids in ecdysial, osma and reproregulation in crustacea | DST -SERC | Ramamurthi,R.,Prof.<br>Department of Zoology<br>Sri Venkateswara University<br>Tirupati-517502, Andhra Pradesh | 3.85 | 36 |
| 306 | Community ecology of small mammals in the Aravallis | DST -SERC | Prakash,I.,Dr.<br>Zoological Survey of India<br>Desert Regional Station<br>Jodhpur-342006, Rajasthan | 5.04 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 307 | Reconstitution of energy transduction in bilayers | DST -SERC | Sitaramam,V.,Prof.<br>Department of Zoology<br>Poona University<br>Pune-411007, Maharashtra | 6.97 | 36 |
| 308 | Isolation and characterisation of the promotion of inducible genes : riboflavin-carrier protein and a noval cytochrome P -450 | DST -SERC | Kondiah,P.,Dr.<br>Department of Molecular Biology<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 6.00 | 36 |
| 309 | Studies on antigenic-altergenic determinants in common air borne grass pollen grains | DST -SERC | Susheela,S.K,Dr.<br>CSIR Centre for Biochemicals<br>Mall Road, University Campus<br>Delhi-110007, Delhi | 8.25 | 36 |
| 310 | Free radical modulation of the physicochemical architecture of mammalian sperm membranes and the molecular aspects of spermazona pellucida interaction | DST -SERC | Pradeep Kumar,G.,Dr.<br>School of Life Sciences<br>Devi Ahilya Vishwavidyalaya<br>Khandwa Road<br>Indore-452001, Madhya Pradesh | 20.94 | 36 |
| 311 | Structure function relationship of Physalis mosaic virus (phMV) replicase | DST -SERC | Savithri,H.S.,Dr.<br>Department of Biochemistry<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 6.76 | 36 |
| 312 | Purification and crystallisation for crystal structure analysis of the hmC restriction enzymes Rg 1A and Rg 1B of E. coli | DST -SERC | Krishnaswamy,S.,Dr.<br>Bioinformatics Centre<br>Madurai Kamaraj University<br>Madurai-625021, Tamil Nadu | 3.30 | 36 |
| 313 | Osmoregulation of nitrogen fixation, ammonia assimilation, ammonia and aminoacid transport in Heterocystous cyanobacteria | DST -SERC | Singh,H.N.,Prof.<br>School of Life Sciences<br>Hyderabad University<br>Hyderabad-500134, Andhra Pradesh | 7.22 | 36 |
| 314 | Analysis of invariant chain-dependent confirmations of MHC class-II proteins | DST -SERC | Rath,S.,Dr.<br>Department of Immunology II<br>National Institute of Immunology<br>Shaheed Jeet Singh Marg<br>New Delhi-110067, Delhi | 12.42 | 36 |
| 315 | Differential activation of CD4=helper T cell subsets in immune response to bacterial antigens | DST -SERC | Vineetabal,,Dr.<br>Laboratory-I<br>National Institute of Immunology<br>Shaheed Jeet Singh Marg<br>New Delhi-110067, Delhi | 6.00 | 36 |
| 316 | Scale up, optimisation and improvement of the process for lysine and threonine production by bacterial mutants in laboratory fermenter | DST -SERC | Chatterjee,S.P.,Dr.<br>Department of Botany<br>Burdwan University<br>Burdwan-713104, West Bengal | 24.02 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 317 | A photochemical study of membrane-toxin: interaction, translocation of Diphtheria toxin and Pseudomonas aeruginosa exotoxin across the membrane | DST -SERC | Lala,A.K.,Prof.<br>Department of Chemistry<br>Indian Institute of Technology, Bombay<br>Powai<br>Bombay-400076, Maharashtra | 21.59 | 36 |
| 318 | Characterisation of intergenic spaces in-ribosomal DNA plasmid of Entamoeba histolytica | DST -SERC | Bhattacharya,S.,Dr.<br>Department of Environmental Studies<br>Jawaharlal Nehru University<br>New Delhi-110067, Delhi | 9.80 | 36 |
| 319 | Development of a method to study the ecological impact of pesticide applications on the behaviour and reproductive success of birds | DST -SERC | Bakre,P.P.,Dr.<br>Department of Zoology<br>Rajasthan University<br>Jaipur-302004, Rajasthan | 10.63 | 36 |
| 320 | Study of correlation between local and global responses in the insect visual system using neural network models | DST -SERC | Kulkarni,G.R.,Dr.<br>Department of Physics<br>Poona University<br>Pune-411007, Maharashtra | 8.30 | 36 |
| 321 | Regulation and mechanism of initiation of protein synthesis in Escherichia coli | DST -SERC | Varshney,U.,Dr.<br>Centre for Genetic Engineering<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 6.00 | 36 |
| 322 | Determining the structural requirements for the formation of functional transmembrance ion channels | DST -SERC | Methew,K.,Dr.<br>Tata Institute of Fundamental Research<br>Homi Babha Road<br>Bombay-400005, Maharashtra | 15.14 | 36 |
| 323 | The second half of the genetic code deciphering of instruction in primary sequences related to protein folding | DST -SERC | Ranganathan,S.,Prof.<br>Department of Chemistry<br>Indian Institute of Technology, Kanpur<br>Kanpur-208016, Uttar Pradesh | 7.46 | 36 |
| 324 | Training programme in computer techniques and instrumentation for neurophysiology | DST -SERC | Devanandan,M.S.,Prof.<br>Department of Neurological Sciences<br>Christian Medical College<br>Vellore-632004, Tamil Nadu | 4.99 | 36 |
| 325 | Adaptive changes in enzyme systems in thermophillic fungi | DST -SERC | Maheshwari,R.,Prof.<br>Department of Biochemistry<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 8.18 | 36 |
| 326 | Enhanced UV-B effects on the terrestrial and aquatic plants | DST -SERC | Radhey Shyam,,Dr.<br>National Botanical Research Institute<br>Rana Pratap Marg<br>Lucknow-226001, Uttar Pradesh | 17.46 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 327 | Theory of organismic ageing | DST -SERC | Dutta,C.,Dr.<br>Indian Institute of Chemical Biology<br>4, Raja S.C. Mullick Road<br>Calcutta-700032, West Bengal | 6.57 | 36 |
| 328 | Structural and biochemical studies on soluble lactose binding lectin (S-Lac-Lectin) from mammalian liver | DST -SERCYS | Ali,N.,Dr.<br>Department of Biochemistry<br>Aligarh Muslim University<br>Aligarh-202002, Uttar Pradesh | 2.76 | 24 |
| 329 | Modulation of red cell membrane bound enzymes by insulin : relevance to diabetic-complications, evaluation of insulin-like role of epicatechin | DST -SERCYS | Rizvi,S.I.,Dr.<br>Department of Biochemistry<br>Allahabad University<br>Allahabad-211002, Uttar Pradesh | 1.84 | 24 |
| 330 | Skewed sex ratios and differential investment by sexes towards the young in the Dhole (Cuon alpinus) | DST -SERCYS | Venkataraman,A.,Dr.<br>Department of Zoology<br>Agricultural Sciences University, Bangalore GKVK<br>Bangalore-500065, Karnataka | 2.59 | 24 |
| 331 | Morphotaxonomic studies on the vascular arbuscular fungi | DST -SERCYS | Gupta,N.,Dr.<br>Department of Microbiology<br>Pt. Ravishankar Shukla University<br>Raipur-490000, Madhya Pradesh | 2.54 | 24 |
| 332 | Role of the cell surface in cell-cell interactions during normal and abnormal morphogenesis | DST -YS | Ghaskadbi,S.M.,Dr.<br>Maharashtra Association for the Cultivation of Science<br>Law College Road<br>Pune-411004, Maharashtra | 1.49 | 24 |
| 333 | Host-suitability temperature threshold for development and cold storage of mummies of an aphid parasitoid Lysiphelbia mirzai Shuja-uddin | DST -YS | Tripathi,R.N.,Dr.<br>Department of Zoology<br>Gorakhpur University<br>Gorakhpur-273009, Uttar Pradesh | 2.20 | 24 |
| 334 | Study of hormonal regulation of the respiration in frogs at low temperatures | DST -YS | Gupta,B.B.P.,Dr.<br>Department of Zoology<br>North Eastern Hill University<br>Shillong-793014, Meghalaya | 2.17 | 24 |
| 335 | Evaluation of carcinogenic potential of azo dyes, C1 acid yellow 36, C1 acid orange 7 and their blend | DST -YS | Das,M.,Dr.<br>Industrial Toxicology Research Centre<br>Mahatma Gandhi Marg<br>Lucknow-226001, Uttar Pradesh | 1.15 | 24 |
| 336 | Restriction analysis of mitochondrial DNAs of wild mice of India which are closely allied to Mus musculus | DST -YS | Chatterjee,B.,Dr.<br>Department of Zoology<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 2.41 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 337 | Construction of starch fermenting yeasts by protoplast fusion | DST -YS | Gupta,A.K.,Dr.<br>Department of Biological Sciences<br>Rani Durgavati University<br>Jabalpur-482001, Madhya Pradesh | 1.02 | 24 |
| 338 | Studies on bee pollination of oilseed crops | DST -YS | Singh,M.P.,Dr.<br>Department of Entomology<br>Manipur Agricultural College<br>Iroisemba<br>Imphal-795001, Manipur | 1.55 | 24 |
| 339 | Extraction of phytosterols from fresh and fermented edible succulent shoots of bamboos grown in Manipur | DST -YS | Srivastava,R.C.,Dr.<br>Department of Life Sciences<br>Manipur University<br>Canchipur<br>Imphal-795003, Manipur | 0.83 | 24 |
| 340 | Changes in the microbial population of apple leaf litter associated with the inhibition of the perfect stage of Venturia inaequalis in relation to urea treatment | DST -YS | Thakur,V.S.,Dr.<br>Department of Mycology & Plant Pathology<br>Dr. Y.S. Parmar University of Horticulture & Forestry<br>Solan<br>Nauni-173230, Himachal Pradesh | 2.13 | 24 |
| 341 | Microorganisms associated with Sunflower and Taramira seeds grown in Rajasthan and their pathological effects | DST -YS | Agrawal,K.,Dr.<br>Department of Botany<br>Agrawal College<br>Jaipur-302003, Rajasthan | 1.74 | 24 |
| 342 | Immunosuppressive FC signal and its obliteration following Fc blocking | DST -YS | Paul,B.N.,Dr.<br>Industrial Toxicology Research Centre<br>Mahatma Gandhi Marg<br>Lucknow-226001, Uttar Pradesh | 1.65 | 24 |
| 343 | Studies on cause and control of a few biofouling species in selected industrial cooling systems | DST -YS | Gowrinathan,P.,Dr.<br>Department of Botany<br>Madras University<br>Guindy Campus<br>Madras-600025, Tamil Nadu | 2.00 | 24 |
| 344 | Molecular mechanisms underlying Ca++/Cal modulin dependence of a plant protein kinase | DST -YS | Dasgupta,M.,Dr.<br>Department of Biophysics<br>Delhi University<br>South Campus<br>New Delhi-110021, Delhi | 3.34 | 24 |
| 345 | Survey of genetic variation in fishes exposed constantly to the industrial effluents | DST -YS | Reddy,R.,Dr.<br>Department of Zoology<br>Kakatiya University<br>Warangal-506009, Andhra Pradesh | 1.53 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 346 | Activities of wild and mutant strains of micro fungi on decomposition of sewage sludge | DST -YS | Mishra,R.C.,Dr.<br>School of Biochemical Engineering<br>Banaras Hindu University<br>Institute of Technology<br>Varanasi-221005, Uttar Pradesh | 2.42 | 24 |
| 347 | Isolation and characterisation of sodium chloride tolerant cell line in Origanum | DST -YS | Saradhi,P.,Dr.<br>Department of Biosciences<br>Jamia Millia Islamia<br>Delhi-110025, Delhi | 3.06 | 24 |
| 348 | Identification of interacting genes of D -int in Drosophila | DST -YS | Roy,J.K,Dr.<br>Department of Zoology<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 2.04 | 24 |
| 349 | Phenotypic and functional study of Gliom as and MHC expression | DST -YS | Bhondeley,M.,Dr.<br>Department of Biochemistry<br>All India Institute of Medical Sciences<br>Ansari Nagar<br>New Delhi-110029, Delhi | 2.89 | 24 |
| 350 | Detoxification mechanisms in liver and a lteration in platelet aggregation in rats exposed to metals | DST -YS | Chaudhury,S.,Dr.<br>Department of Zoology<br>Visva Bharati<br>Santiniketan-731225, West Bengal | 3.17 | 24 |
| 351 | Timber-line and snow-line vegetation of Kumaon in central Himalaya : aspects of composition, diversity and conservation | DST -YS | Rawal,R.S.,Dr.<br>G.B. Pant Institute of Himalayan<br>Environment & Development<br>Kosi-Katarmal<br>Almora-263643, Uttar Pradesh | 2.42 | 24 |
| 352 | Ecology and socio-economy of transhumance communities of central Himalayas | DST -YS | Maikhuri,R.K.,Dr.<br>G.B. Pant Institute of Himalayan<br>Environment & Development<br>Kosi-Katarmal<br>Almora-263643, Uttar Pradesh | 1.15 | 24 |
| 353 | Studies on conservation and regulation of malpighian tubules, heat shock proteins in some insects | DST -YS | Kumar,A.,Dr.<br>Department of Zoology<br>K.D. College<br>Jaunpur-222146, Uttar Pradesh | 2.76 | 24 |
| 354 | Regulation of gonadotropin biosynthesis in the pituitary gland of a teleostean fish, Channa punctatus (bloch) | DST -YS | Manna,P.R.,Dr.<br>Department of Zoology<br>Visva Bharati<br>Santiniketan-731235, West Bengal | 3.03 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 355 | Development of feed technology for semi-intensive/prawn farming (funded by DBT) | ICAR-APCF | Alagarswami,K.,Dr.<br>Central Institute of Brackishwater Aquaculture<br>12, Leith Castle Street<br>Madras-600028, Tamil Nadu | 19.32 | 48 |
| 356 | National centre for freshwater pearl culture (funded by DBT) | ICAR-APCF | Tripathi,S.D.,Dr.<br>Central Institute for Freshwater Aquaculture<br>Kaushalyaganga<br>Bhubaneswar-751002, Orissa | 11.39 | 36 |
| 357 | Genetic upgradation of some commercially important species of H.P. for enhancing production (funded by DBT) | ICAR-APCF | Ponniah,A.G.,Dr.<br>National Bureau of Fish Genetic Resources<br>Allahabad-211001,Uttar Pradesh | 20.13 | 36 |
| 358 | National Agricultural Research Project (NARP) for strengthening of research capability (funded by NARP) | ICAR-APCF | Tripathi,S.D.,Dr.<br>Central Institute for Freshwater Aquaculture<br>Kaushalyaganga<br>Bhubaneswar-751002, Orissa | 100.00 | 36 |
| 359 | National Agricultural Research Project (NARP) for strengthening of research capability (funded by NARP) | ICAR-APCF | Alagarswami,K.,Dr.<br>Central Institute of Brackishwater Aquaculture<br>12, Leith Castle Street<br>Madras-600028, Tamil Nadu | 70.00 | 36 |
| 360 | National facility for disease control in fishes through quarantive and health certification (funded by DBT) | ICAR-APCF | Mukherjee,S.C.,Dr.<br>Central Institute for Freshwater Aquaculture<br>Kaushalyaganga<br>Bhubaneswar-751002, Orissa | 12.48 | 36 |
| 361 | Isolation of the GnRH fraction from the crude brain and pituitary extract of various fishes and to synthesise GnRH and its novel analogues for their use as spawning agents (funded by DBT) | ICAR-APCF | Tripathi,S.D.,Dr.<br>Central Institute for Freshwater Aquaculture<br>Kaushalyaganga<br>Bhubaneswar-751002, Orissa | 10.00 | 36 |
| 362 | The ancestry of the house mouse in the light of genetic variation in Indian wild mice | ICMR-ADHOC | Sharma,T.,Dr.<br>Centre of Advanced Study in Zoology<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 1.30 | 24 |
| 363 | DNA base modification in hormone action | ICMR-ADHOC | Reddy,P.R.K.,Dr.<br>School of Life Sciences<br>Hyderabad University<br>Hyderabad-500134, Andhra Pradesh | 0.83 | 24 |
| 364 | An ecological investigation of the avian community of Sriharikota island | ISRO-RESPOND | Samant,J.S.,Dr.<br>Bombay Natural History Society<br>Hornbill House,Shahid Bhagata Singh Road<br>Bombay-400023, Maharashtra | 1.63 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 365 | Genesis extent and future of biological sedimentation in chilka region, Orissa an attempt with IRS-1A | ISRO-RESPOND | Rao,M.V.L.,Shri<br>Department of Marine Sciences<br>Berhampur University<br>Berhampur-760007, Orissa | 4.85 | 36 |
| 366 | Taxonomical and ecological studies on an giospermic climbers of Darjeeling and Sikkim Himalayas | UGC -MJRP | Prasad,A.,Dr.<br>Department of Botany<br>North Bengal University<br>Midnapore-734430, West Bengal | 2.06 | 36 |
| 367 | Reproductive biology and micro propagation of two gum yielding trees : sterculia-urens and cochlospermum glossypium | UGC -MJRP | Bahadur,B.,Prof.<br>Department of Botony<br>Kakatiya University<br>Warangal-506009, Andhra Pradesh | 2.26 | 36 |
| 368 | Interaction between festicides and soil : impact of pesticide residues on population and biochemical activities of micro organisms | UGC -MJRP | Chauhan,S.K.,Prof.<br>Department of Botany<br>Vikram University<br>Ujjain-456010, Madhya Pradesh | 2.26 | 36 |
| 369 | Cytogenetical, ecological, taxonomic and hybridization studies of coir species from India | UGC -MJRP | Christopher,J.,Dr.<br>Department of Botany<br>Kerala University<br>Thiruvananthapuram-695034, Kerala | 2.06 | 36 |
| 370 | Selection and isolation of agronomically improved variants in certain grain legume through plant cell and tissue culture | UGC -MJRP | Rao,D.,Dr.<br>Department of Botany<br>Kakatiya University<br>Warangal-506009, Andhra Pradesh | 2.16 | 36 |
| 371 | Influence of mycotoxins on reproductive biology of rats | UGC -MJRP | Vimla Rani,G.V.,Dr.<br>School of Life Sciences<br>Bharathidasan University<br>Tiruchirapalli-620024, Tamil Nadu | 2.46 | 36 |
| 372 | Producing better nitrogen fixing pulses using wild rhizobia | UGC -MJRP | Ignacimuthu,S.J.,Dr.<br>Department of Botany<br>St. Joseph's College<br>Tiruchirapalli-620001, Tamil Nadu | 2.86 | 36 |
| 373 | Selection of pesticide tolerance using cell cultures of Cicer arietinum L. | UGC -MJRP | Reddy,J.M.,Dr.<br>Department of Botany<br>Kakatiya University<br>Warangal-506009, Andhra Pradesh | 1.76 | 36 |
| 374 | Screening and characterization of algal-lipids of medicinal value | UGC -MJRP | Reddy,J.,Dr.<br>Department of Botany<br>Osmania University<br>Hyderabad-500007, Andhra Pradesh | 2.32 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 375 | In vitro production of haploids in tomato for crop improvement | UGC -MJRP | Jayagoplan,N.,Dr.<br>Department of Botany<br>Bharathidasan University<br>Tiruchirapalli-620024, Tamil Nadu | 2.91 | 36 |
| 376 | Studies on the fossil plant remains of the coal fields of India - Phase I | UGC -MJRP | Jayasingh,,Dr.<br>Department of Botany<br>Madras Christian College<br>Tambaram<br>Madras-600059, Tamil Nadu | 1.43 | 36 |
| 377 | Lignin degradation by woodrotting fungus Candderma lucidum | UGC -MJRP | Kalichelvan,P.T.,Dr.<br>Department of Botany<br>Madras University<br>Guindy Campus<br>Madras-600025, Tamil Nadu | 1.61 | 36 |
| 378 | Physiological changes towards adoptation to zinc 2+in cyanobacteria | UGC -MJRP | Kapoor,K.,Dr.<br>Department of Botany<br>M.L. Sukhadia University<br>Udaipur-301001, Rajasthan | 2.26 | 36 |
| 379 | Use of algae in waste water treatment | UGC -MJRP | Reddy,M.,Dr.<br>Department of Botany<br>Osmania University<br>Hyderabad-500007, Andhra Pradesh | 2.24 | 36 |
| 380 | Vesicular arbuscular mycorrhizal fungi (VAM) from the waste land/desert soils of Haryana and their application in develo pment of waste land/arid in Haryana | UGC -MJRP | Mehrotra,R.S.,Prof.<br>Department of Botany<br>Kurukshetra University<br>Kurukshetra-132119, Haryana | 2.26 | 36 |
| 381 | Orchids of Karnataka : collection, conse-rvation and improvement | UGC -MJRP | Murthy,N.,Dr.<br>Department of Botany<br>Karnatak University<br>Dharwad-580003, Karnataka | 1.96 | 36 |
| 382 | Cytological and phytochemical studies on some medicinally important taxa of the family apocynaeae w.r.t. their rapid clo-nal propagation and genitic .....tissue culture | UGC -MJRP | Banerjee,N.,Dr.<br>Department of Botany<br>Visva Bharati<br>Santiniketan-731235, West Bengal | 1.81 | 36 |
| 383 | Flora of Ranga Reddy district, Andhra Pr-adesh | UGC -MJRP | Pullaiah,T.,Dr.<br>Department of Botany<br>Sri Krishnadevaraya University<br>Anantpur-515003, Andhra Pradesh | 1.81 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 384 | Studies on endomycorrhizal explants of micropropagated plants | UGC -MJRP | Raman,N.,Dr.<br>Department of Botany<br>Madras University<br>Guindy campus<br>Madras-600025, Tamil Nadu | 2.11 | 36 |
| 385 | Assessment of the impact of monoculture plantations of exotic species on hill stations of the western ghats of the Tamil Nadu with reference to the management of hazards | UGC -MJRP | Rao,G.R.,Dr.<br>Department of Botany<br>Bharathidasan University<br>Tiruchirapalli-620024, Tamil Nadu | 3.16 | 36 |
| 386 | Ultrastructural studies on Hypnea muscifformis and H. Vacentiae | UGC -MJRP | Rengasamy,R.,Dr.<br>Department of Botany<br>Madras University<br>Guindy campus<br>Madras-600025, Tamil Nadu | 1.91 | 36 |
| 387 | Thermal stratification and its relation with nutrients planton and primary production of taura reservoir | UGC -MJRP | Sankaran,L.K.,Prof.<br>Department of Botany<br>Government (PG) College, Chindwara<br>Chindwara-480001, Madhya Pradesh | 2.26 | 36 |
| 388 | Integrated management of fusarium wilt pigeon pea | UGC -MJRP | Jariwala,S.,Dr.<br>Department of Botany<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 2.26 | 36 |
| 389 | A study of interactive effects of va-myc orrhizal fungi and rhizobium in arboriculture of leguminous tree species | UGC -MJRP | Rao,S.,Prof.<br>Department of Botany<br>Nagarjuna University<br>Nagarjunanagar<br>Guntur-522510, Andhra Pradesh | 2.27 | 36 |
| 390 | Studies on some perennial and seasonal streams of shivalik ecosystem and their impact on the ganges | UGC -MJRP | Shanker,V.,Prof.<br>Department of Botany<br>Gurukula Kangri Vishwavidyalya<br>Hardwar-249404, Uttar Pradesh | 1.66 | 36 |
| 391 | Germplasm evaluation and study of new taxonomic parameters of Indianbamboos | UGC -MJRP | Sharma,M.L.,Prof.<br>Department of Botany<br>Punjab University<br>Chandigarh-160014, Chandigarh | 2.11 | 36 |
| 392 | Decomposition of wool by soil fungi | UGC -MJRP | Shrivastava,J.N.,Dr.<br>Department of Botany<br>Dayalbagh Educational Institute<br>Dayalbagh<br>Agra-282005, Uttar Pradesh | 3.49 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 393 | Phytotoxicity interactive effects and accumulation of Cd, Zn and Mn in vegetable crops irrigated with sewage water and detoxification by triazoles ...protectants | UGC -MJRP | Singh,V.P.,Dr.<br>Department of Botany<br>Vikram University<br>Ujjain-456010, Madhya Pradesh | 2.26 | 36 |
| 394 | Screening of blue green algae for potential source of food | UGC -MJRP | Subba Raju,N.R.,Dr.<br>Department of Botany<br>Osmania University<br>Hyderabad-500007, Andhra Pradesh | 3.01 | 36 |
| 395 | Comparison of the anti clastogenic activities of crude extracts and major components of varieties of Allium sativum and Allium cepa against known clastogenic agents | UGC -MJRP | Sen,S.,Prof.<br>Department of Botany<br>Calcutta University<br>35, Ballygunge Circular Road<br>Calcutta-700019, West Bengal | 2.81 | 36 |
| 396 | Systematic studies on saprotrophic sehaeriales (ascomycetous fungi) of Rajasthan | UGC -MJRP | Kaur,S.,Dr.<br>Department of Botany<br>Jai Narain Vyas University<br>Jodhpur-342001, Rajasthan | 1.46 | 36 |
| 397 | Biochemical and serolocial changes in soyabean resulting from interaction disease | UGC -MJRP | Chakraborty,U.,Dr.<br>Department of Botany<br>North Bengal University<br>Midnapore-734430, West Bengal | 2.66 | 36 |
| 398 | Organic waste treatment and simultaneous photoproduction of hydrogen using photo synthetic purple nonsulphur bacteria | UGC -MJRP | Rao,V.S.,Prof.<br>Department of Botany<br>Osmania University<br>Hyderabad-500007, Andhra Pradesh | 2.51 | 36 |
| 399 | Survey and utilization of the natural resources of the mangrove forests on coastal belt of Cauvery delta | UGC -MJRP | Rahaman,A.A.,Dr.<br>Department of Zoology<br>AVVM Sri Pushpam College<br>Poondi<br>Thanjavur-613001, Tamil Nadu | 1.46 | 36 |
| 400 | Evaluation of integrated control of some agriculture pests | UGC -MJRP | Khan,A.M.,Dr.<br>Department of Zoology<br>Aligarh Muslim University<br>Aligarh-202002, Uttar Pradesh | 1.61 | 36 |
| 401 | Control of stored grain insect pests by insect growth regulators and chitin synthesis inhibitors | UGC -MJRP | Bahadur,J.,Dr.<br>Department of Zoology<br>Jiwaji University<br>Gwalior-471011, Madhya Pradesh | 1.91 | 36 |
| 402 | Analysis of chromatin conformation and gene expression during aging role of hist one H1 | UGC -MJRP | Chaturvedi,M.M.,Dr.<br>Department of Zoology<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 1.76 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 403 | Socio biological and genetical studies of the patiariya tribe of Rajmahal Hills, Bihar | UGC -MJRP | Choudhury,,Dr.<br>Department of Zoology<br>Shahibganj College<br>Sahibganj-816109, Bihar | 1.36 | 36 |
| 404 | Lymphatics and microcirculation in relation to respiration ionic and hormone metabolism in the respiratory organs of fish from different habitats | UGC -MJRP | Datta,M.J.S.,Prof.<br>Department of Zoology<br>Bhagalpur University<br>Bhagalpur-812007, Bihar | 2.26 | 36 |
| 405 | Micro environmental studies on certain economically important mammalian and fish nematodes of Ranchi in and around w.s.r.t Stronglyoides papillosus..... | UGC -MJRP | Verma,D.K.,Dr.<br>Department of Zoology<br>Ranchi College<br>Ranchi-834001, Bihar | 1.16 | 36 |
| 406 | Biosystematic of neuroptera (insecta) as sociated with aphids (homoptera) : aphidiad of western Himalaya | UGC -MJRP | Bhattacharya,D.K.,Dr.<br>Department of Zoology<br>Kalyani University<br>Kalyani-741235, West Bengal | 1.51 | 36 |
| 407 | Toxicological effects of insecticides on chosen, non-target assanin bugs potential biological control agents | UGC -MJRP | Amerose,D.P.,Dr.<br>Department of Zoology<br>St. Xavier's College<br>Palayamkottai-627002, Tamil Nadu | 2.21 | 36 |
| 408 | Neurophysiological studies on the cuticular sensilla on the mouth parts of silk worm and their role in feeding in quadriplicate | UGC -MJRP | Bali,G.,Dr.<br>Department of Zoology<br>Bangalore University<br>Bangalore-560056, Karnataka | 2.76 | 36 |
| 409 | Studies on the puff introduction in polytene chromosomes of chironomus of using intracytoplasmic and internuclear microinjection technology | UGC -MJRP | Godbole,N.N.,Dr.<br>Department of Zoology<br>Poona University<br>Pune-411007, Maharashtra | 2.26 | 36 |
| 410 | Cytogenetic and behavioural genetic studies on the Drosophilla bipectinata species complex | UGC -MJRP | Hedge,S.N.,Dr.<br>Department of Zoology<br>Mysore University<br>Manasagangotri<br>Mysore-570006, Karnataka | 2.36 | 36 |
| 411 | Immunocytochemical demonstration of nueropeptides in hemichordates | UGC -MJRP | Azariah,J.,Prof.<br>Department of Zoology<br>Madras University<br>Guindy Campus<br>Madras-600025, Tamil Nadu | 2.76 | 36 |
| 412 | Influence of light irradiance and spectra on pineal activity and reproduction | UGC -MJRP | Joshi,B.N.,Dr.<br>Department of Zoology<br>Gulbarga University<br>Gulbarga-585106, Karnataka | 1.56 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 413 | In vitro action of anthelmintics (hexyl resorcinol and piperazine derivatives) on two amphistomes | UGC -MJRP | Kameshwari,M.,Dr.<br>Department of Zoology<br>Kakatiya University<br>Warangal-506009, Andhra Pradesh | 1.81 | 36 |
| 414 | Investigation on the beta carotenoids and vitamin A as antiageing drugs | UGC -MJRP | Kapoor,A.S.,Prof.<br>Department of Zoology<br>Rajasthan University<br>Jaipur-102004, Rajasthan | 1.75 | 36 |
| 415 | The role of forest canopy arthopods in nutrient cycling in pine oak and mixed oak forests | UGC -MJRP | Kaushal,B.R.,Dr.<br>Department of Zoology<br>Kumaun University<br>Nainital-263002, Uttar Pradesh | 2.46 | 36 |
| 416 | Behavioural determinants of spatial and temporal relations of zooplancton communities interacting with ecological factors at Palair Lake Khammam Dist.(A.P.) | UGC -MJRP | Khan,M.A.,Prof.<br>Department of Zoology<br>Osmania University<br>Hyderabad-500007, Andhra Pradesh | 0.45 | 36 |
| 417 | Study carbohydrate and lipid metabolisms in oesophagostomum columbianum : interaction with certain new anthelmintics | UGC -MJRP | Khera,S.,Prof.<br>Department of Zoology<br>Punjab University<br>Chandigarh-160014, Chandigarh | 1.38 | 36 |
| 418 | Cytogentics and cytonomy of aphids (homoptera:aphididae) of Garhwal Himalaya | UGC -MJRP | Kurl,S.P.,Dr.<br>Department of Zoology<br>M.M. (PG) College<br>Modinagar-201204, Uttar Pradesh | 1.82 | 36 |
| 419 | Growth control in early morphogenesis of the chick embryo | UGC -MJRP | Modak,S.P.,Dr.<br>Department of Zoology<br>Poona University<br>Pune-411007, Maharashtra | 2.56 | 36 |
| 420 | Studies on the feeding biology nutrition al physiology and ecology ofsome economically important tettigonids acridids and lepidopterans in relation .....complex | UGC -MJRP | Murugan,K.,Dr.<br>Department of Zoology<br>Bharathiar University<br>Coimbatore-641046, Tamil Nadu | 0.36 | 36 |
| 421 | Identification of semiochemicals and insect growth regulators from certain plants of Andhra Pradesh : evaluation of bio-efficacy, persistence and detoxification | UGC -MJRP | Rao,P.N.,Dr.<br>Department of Zoology<br>Osmania University<br>Hyderabad-500007, Andhra Pradesh | 3.26 | 36 |
| 422 | Extoxification mechanisms in aquatic animals in relation to heavy metal exposure | UGC -MJRP | Rao,Y.P.,Dr.<br>Department of Zoology<br>Andhra University<br>Visakhapatnam-530003, Andhra Pradesh | 0.70 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 423 | Studies on HMG non-histone chromosomal proteins with particular emphasis on the expression of HMG2 gene during development and aging of rat | UGC -MJRP | Prasad,S.,Dr.<br>Department of Zoology<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 0.60 | 36 |
| 424 | Effect of organochlorine pesticides on immune reponses in mice : cytotoxic systems | UGC -MJRP | Rao,P.R.,Dr.<br>Department of Zoology<br>Osmania University<br>Hyderabad-500007, Andhra Pradesh | 2.06 | 36 |
| 425 | Aspects of physiology and ecology of selected biofoulers and borers of east coast | UGC -MJRP | Ramamurthi,R.,Prof.<br>Department of Zoology<br>Sri Venkateswara University<br>Tirupati-517502, Andhra Pradesh | 3.51 | 36 |
| 426 | Integrated water quality studies on the coastal zone of Madras, Tamil Nadu | UGC -MJRP | Ramanibai,R.,Dr.<br>Department of Zoology<br>Madras University<br>Guindy Campus<br>Madras-600025, Tamil Nadu | 2.91 | 36 |
| 427 | Paterns of uptake biodistribution, elimination and functional changes after chromuim intoxification in a selected fresh water field crab and ..... recovery spans | UGC -MJRP | Reddy,S.L.N.,Dr.<br>Department of Zoology<br>Osmania University<br>Hyderabad-500007, Andhra Pradesh | 1.46 | 36 |
| 428 | Coenurus and biochemical monitoring of multiceps | UGC -MJRP | Sinha,S.S.,Prof.<br>Department of Zoology<br>Nizam College<br>Hyderabad-505468, Andhra Pradesh | 1.91 | 36 |
| 429 | Population genetics of Drosophila bipectinata | UGC -MJRP | Singh,B.N.,Dr.<br>Department of Zoology<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 1.31 | 36 |
| 430 | Molluscicidal activity of Allium sativum (garlic) against harmful gastropods | UGC -MJRP | Singh,D.K.,Dr.<br>Department of Zoology<br>Gorakhpur University<br>Gorakhpur-273009, Uttar Pradesh | 1.46 | 36 |
| 431 | Studies on certain biochemical and histopathological aspects of the toxicity of lead on some tissues of a fresh water fish | UGC -MJRP | Jain,S.K.,Dr.<br>Department of Zoology<br>Dr. Harisingh Gour Vishwavidyalaya<br>Sagar-470003, Madhya Pradesh | 2.40 | 36 |
| 432 | Investigation on wall lizard poisoning | UGC -MJRP | Suryavanshi,S.A.,Dr.<br>Department of Zoology<br>Institute of Science<br>Bombay-400032, Maharashtra | 4.06 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 433 | Heavy metal toxicity and thyroid function in mammal fish with respect to peripheral monodeliodination of thyroxine to triiodo-thyronine | UGC -MJRP | Kar,A.,Dr.<br>Department of Life Sciences<br>Devi Ahilya Vishwavidyalaya<br>Khandwa Road<br>Indore-452001, Madhya Pradesh | 2.11 | 36 |
| 434 | Genetics studies of human apolipoproteins : apolipoprotein in polymorphism in relation to serum lipoprotein concentrations | UGC -MJRP | Reddy,P.C.,Dr.<br>Department of Anthropology<br>Sri Venkateswara University<br>Tirupati-517502, Andhra Pradesh | 2.31 | 36 |
| 435 | Micropropagation of some native ornamental trees of South India | UGC -MJRP | Souza,D.L.,Dr.<br>Department of Applied Biology<br>St. Aloysius College<br>Mangalore-575001, Karnataka | 1.54 | 36 |
| 436 | Microbial strain selection and their improvement for selective ligninolysis of lignocellulosic residues | UGC -MJRP | Arora,D.S.,Dr.<br>Department of Biosciences<br>Maharshi Dayanand University<br>Rohtak-124001, Haryana | 1.81 | 36 |
| 437 | Isolation, immobilization and applications of bacterial lectins | UGC -MJRP | Gill,S.S.,Dr.<br>Department of Biotechnology<br>Punjabi University<br>Patiala-147002, Punjab | 3.46 | 36 |
| 438 | Evaluation of the anticancer effects of echitamin chloride in experimental fibro sardoma and Ehrilich ascites carcinoma (EAC) | UGC -MJRP | Govindaswamy,S.,Dr.<br>Department of Biochemistry<br>Madras University<br>Guindy Campus<br>Madras-600025, Tamil Nadu | 1.76 | 36 |
| 439 | Biochemical and immunological studies of urinary stone matric and its role in calculogenesis | UGC -MJRP | Sidhu,H.,Dr.<br>Department of Biochemistry<br>Punjab University<br>Chandigarh-160014, Chandigarh | 2.66 | 36 |
| 440 | Estimation of stature from partial foot prints | UGC -MJRP | Jasuja,O.P.,Dr.<br>Department of Forensic Sciences<br>Punjabi University<br>Patiala-147002, Punjab | 1.46 | 36 |
| 441 | Polymerase chanin reaction to detect Mycobacterium leprae in paucibacillary leprosy and its comparision with clinical diagnosis leprosy | UGC -MJRP | Jayapal,V.,Dr.<br>Department of Microbiology<br>Madras University<br>Guindy Campus<br>Madras-600025, Tamil Nadu | 1.76 | 36 |
| 442 | Studies on techno economic feasibility of cage culture of peneaid prawns in the vellar estuary | UGC -MJRP | Kannlpandi,T.,Dr.<br>Department of Marine Biology<br>Annamalai University<br>Parangipettai-608502, Tamil Nadu | 2.76 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 443 | Fate of bacterial species of potential use in genetic engineering in model ecosystem | UGC -MJRP | Kapur,R.,Dr.<br>Department of Environmental Biology<br>Awadhesh Pratap Singh University<br>Rewa-486003, Madhya Pradesh | 2.46 | 36 |
| 444 | Inhibition of antibiotic modifying enzymes and elimination of R-plasmids by natural and synthetic compounds | UGC -MJRP | Lakshmi,V.V.,Dr.<br>Department of Microbiology<br>Sri Padmavati Mahilaya Viswavidyalaya<br>Tirupati-517501, Andhra Pradesh | 2.61 | 36 |
| 445 | Improvement of Zymomonas mobilis for ethanol production and temperature tolerance | UGC -MJRP | Marwaha,S.S.,Prof.<br>Department of Biotechnology<br>Punjabi University<br>Patiala-147002, Punjab | 3.01 | 36 |
| 446 | Expression of non-histone chromosomal proteins in cellular differentiation applications in cancer prognosis | UGC -MJRP | Vemuri,M.C.,Dr.<br>Department of Life Sciences<br>Hyderabad University<br>Hyderabad-500134, Andhra Pradesh | 1.46 | 36 |
| 447 | Toxicological effects of flouride on human chromosome : a comparative in vivo and in vitro study | UGC -MJRP | Gadhla,P.,Dr.<br>Department of Biosciences<br>South Gujarat University<br>Surat-395003, Gujarat | 1.55 | 36 |
| 448 | Interaction of various inducers and toxiants with cytochrome P-450 of plants | UGC -MJRP | Pawar,S.S.,Dr.<br>Department of Biochemistry<br>Marathwada Universşity<br>Aurangabad-431004, Maharashtra | 2.96 | 36 |
| 449 | Study of leptospirosis in man and its possible reservoirs of infection in Tamil Nadu | UGC -MJRP | Rajendran,P.,Dr.<br>Department of Microbiology<br>Madras University<br>Guindy Campus<br>Madras-600025, Tamil Nadu | 2.11 | 36 |
| 450 | Steroid 1600 hydromylase immunochemical characterization and development of a molecular prone | UGC -MJRP | Singh,R.P.,Dr.<br>Department of Bioscience<br>Roorkee University<br>Roorkee-247667, Uttar Pradesh | 2.11 | 36 |
| 451 | Patterns of genetic differentiation ecogeographical populations of colonising Drosophila species from India | UGC -MJRP | Prakash,R.,Dr.<br>Department of Biosciences<br>Maharshi Dayanand University<br>Rohtak-124001, Haryana | 3.53 | 36 |
| 452 | Cross inoculation studies on Rhizobia from wild .....innovative applications technology of Rhizobia on to seed for improved nodulation | UGC -MJRP | Shethna,Y.I.,Prof.<br>Department of Microbiology<br>Poona University<br>Pune-411007, Maharashtra | 2.01 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 453 | Monitoring the fate of DDTs and BHc from source to sink in a tropical environment | UGC -MJRP | Subramanian,A.N.,Dr.<br>Department of Marine Chemistry<br>Annamalai University<br>Parangipettai-608502, Tamil Nadu | 1.46 | 36 |
| 454 | Detection and characterization of mitogenic lectins | UGC -MJRP | Kamboj,S.S.,Dr.<br>Department of Immunology<br>Guru Nanak Dev University<br>Amritsar-143005, Punjab | 1.76 | 36 |
| 455 | Location and cloning of crude oil degradation genes from a Pseudomonas sp. to a halophilic bacterium | UGC -MJRP | Vasudevan,N.,Dr.<br>Department of Engineering<br>Anna University<br>Guindy Campus<br>Madras-600025, Tamil Nadu | 2.66 | 36 |
| 456 | Aeromycological studies of warehouses and its relevance to storage diseases of food grains | UGC -MNRP | Ayachi,A.,Dr.<br>Department of Botany<br>Government Autonomous College of Science,<br>Jabalpur<br>Pachpedhi<br>Jabalpur-482001, Madhya Pradesh | 0.25 | 24 |
| 457 | Studies on industrial effluents and their impact on endangered plant with practical measures of its conservation | UGC -MNRP | Srivastava,A.K.,Dr.<br>Department of otany<br>M.G. Degree College<br>Gorakhpur-273001, Uttar Pradesh | 0.10 | 36 |
| 458 | Ecological investigation on vegetation in Balason catchment area of Darjeeling district with special emphasis on the utilization of forest plants .....the region | UGC -MNRP | Rai,B.,Shri<br>Department of Botany<br>Government Kalasib College<br>Aizawl-796001, Mizoram | 0.25 | 24 |
| 459 | Ecophysiological studies for improving l and use and cultivation patterns in flood prone areas of Orissa by means of flood tolerant rice | UGC -MNRP | Satapathy,B.,Shri<br>Department of Botany<br>Ravenshaw College<br>Cuttack-753003, Orissa | 0.26 | 24 |
| 460 | Comparative physiological and biochemical studies on flower senescene in Cosmos-sulphureus Helianthus annuus and Petunia hydrida | UGC -MNRP | Eyini,M.,Mrs.<br>Department of Botany<br>Vellalar College for Women<br>Erode-638001, Tamil Nadu | 0.25 | 24 |
| 461 | Screening wild plant for antifungal properties | UGC -MNRP | Ganesan,T.,Dr.<br>Department of Botany<br>M.G.G.A. College<br>Mahe<br>Pondicherry-605014, Pondicherry | 0.17 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 462 | Studies on vesicular arbuscular mycorrhiza (VAM) fungi, associated with sorghum (jowar) plants in and around Pravaranagar and their effect on plant growth and yield | UGC -MNRP | Reddy,G.P.,Dr.<br>Department of Botany<br>P.V.P.College of Arts Science and Commerce<br>Shrirampur<br>Ahmednagar-414001, Maharashtra | 0.16 | 24 |
| 463 | Herterotropic nitrogen fixation associated with tropical rice soils | UGC -MNRP | Patnaik,G.K.,Shri<br>Department of Botany<br>Ranchi College<br>Ranchi-834001, Bihar | 0.13 | 24 |
| 464 | Studies on leaf surface mycoflora of brinjal | UGC -MNRP | Singh,J.,Shri<br>Department of Botany<br>K.N. Government (PG) College<br>Gyanpur<br>Varanasi-221001, Uttar Pradesh | 0.20 | 24 |
| 465 | Moss flora of upper Brahmaputra valley, Assam | UGC -MNRP | Barukial,J.,Shri<br>Department of Botany<br>Devraj Roy College<br>Golaghat-785621, Assam | 0.15 | 24 |
| 466 | Tax ecological studies of trichomycetes in and around Lucknow | UGC -MNRP | Misra,J.K.,Dr.<br>Department of Botany<br>Sri Jai Narain Degree College<br>Lucknow-226003, Uttar Pradesh | 0.16 | 24 |
| 467 | Leaf architectural studies in some papilionaceous genera with and tephrosia of neighbourhood area for better taxonomic valuation | UGC -MNRP | Pancholi,K.,Mrs.<br>Department of Botany<br>Holkar Science College<br>Indore-452001, Madhya Pradesh | 0.25 | 24 |
| 468 | Conservation and multiplication of commercially viable Indian orchids : a study in vitro | UGC -MNRP | Mahant,K.C.,Dr.<br>Department of Botany<br>Government College, Seema<br>Seema, Himachal Pradesh | 0.15 | 24 |
| 469 | A correlative study on halobacterial population with that of salt production in multipond salterns of Tuticorin | UGC -MNRP | Lakshmanan,C.,Shri<br>Department of Botany<br>V.O. Chidambaram College<br>Tuticorin-628008, Tamil Nadu | 0.25 | 24 |
| 470 | In vitro propagation of Areca catechu Linn | UGC -MNRP | Mathew,M.M.,Shri<br>Department of Botany<br>St. Thomas College<br>Palai-686575, Kerala | 0.15 | 24 |
| 471 | Boron tolerance studies in horsegram | UGC -MNRP | Nigwekar,A.S.,Dr.<br>Department of Botany<br>Bhagawati Mahavidyalaya<br>Kurukali Tal Karveer<br>Kolhapur-416205, Maharashtra | 0.25 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 472 | Screening, identification and culture of high salt tolerent algae and bacteria from salt pans | UGC -MNRP | Periyanan,S.,Dr.<br>Department of Botany<br>Kamaraj College<br>Tuticorin-628003, Tamil Nadu | 0.24 | 24 |
| 473 | Productivity and biomass studies of some mangroves around Ratnagiri | UGC -MNRP | Kokate,P.S.,Dr.<br>Department of Botany<br>Gogate Jogalekar College<br>Ratnagiri-415612, Maharashtra | 0.12 | 24 |
| 474 | Efficacy of Trogonella foenumgrae cum Linn on blood sugar control of diabeties patients with special reference to nutritive values | UGC -MNRP | Mishra,P.,Shri<br>Department of Botany<br>Ravenshaw College<br>Cuttack-753003, Orissa | 0.16 | 24 |
| 475 | Studies on physiological and biochemical activities of some immoblized cyanobacteria isolated from polluted habitants of Ghazipur | UGC -MNRP | Gupta,R.K.,Dr.<br>Department of Botany<br>P.G. College<br>Ravindrapuri<br>Ghazipur-233001, Uttar Pradesh | 0.15 | 24 |
| 476 | Biosystematic and ecological studies in Celosia argentina complex inIndia | UGC -MNRP | Prasad,R.H.,Dr.<br>Department of Botany<br>S.R. & B.G.N.R. Government College<br>Khammam-507001, Andhra Pradesh | 0.07 | 24 |
| 477 | Taxonomic and ecological studies on the plants of the river Godavari Delta (east Godavari district) with special reference to the mangroves of that region | UGC -MNRP | Raju,JSSN,Dr.<br>Department of Botany<br>S.K.B.R. College<br>Amalpuram-533201, Andhra Pradesh | 0.18 | 24 |
| 478 | Domestic waste matter utilization for algal production culture | UGC -MNRP | Ramakrishnan,N.,Shri<br>Department of Botany<br>Government Arts College, Thiruvannamalai<br>Tiruvannamalai-606601, Tamil Nadu | 0.23 | 24 |
| 479 | Soil mycology of Baramati area for amylase production | UGC -MNRP | Joseph,R.D.,Dr.<br>Department of Botany<br>Tuljaram Chaturchand College<br>Baramati-413102, Maharashtra | 0.16 | 24 |
| 480 | Relationship of aquatic fungi to water pollution | UGC -MNRP | Gandhe,R.V.,Dr.<br>Department of Botany<br>Modern College of Arts, Science and Commerce<br>Pune-411001, Maharashtra | 0.15 | 24 |
| 481 | Studies on seasonal occurance of aquatic fungi of Indore with special reference to water quality | UGC -MNRP | Vivrekar,S.S.,Mrs.<br>Department of Botany<br>Holkar Science College<br>Indore-452001, Madhya Pradesh | 0.25 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 482 | Studies of rhizosphere algae of some crop plants in Hyderabad (Andhra Pradesh) | UGC -MNRP | Shakuntala,J.,Dr.<br>Department of Botany<br>Women's College, Hyderabad<br>Ramkote<br>Hyderabad-505486, Andhra Pradesh | 0.22 | 24 |
| 483 | Mode of chloroplast multiplication in higher plants - a scanning electron microscopic study | UGC -MNRP | Shanmugasundaram,R.,Shri<br>Department of Botany<br>V.O. Chidambaram College<br>Tuticorin-628008, Tamil Nadu | 0.25 | 24 |
| 484 | Toxicological effects of the solid wastages of a caustic chlorine factory on growth performance productivity and N-2 fixation in azzola-pinnata R.Br | UGC -MNRP | Mishra,S.L.,Dr.<br>Department of Botany<br>K.S.U.B. College<br>Ganjam<br>Bhanjanagar-761126, Orissa | 0.25 | 24 |
| 485 | Vegetative propagation in some medicinal plants of Shajahanpur (U.P.) | UGC -MNRP | Sharma,S.C.,Dr.<br>Department of Botany<br>G.F. College<br>Shajahanpur-242001, Uttar Pradesh | 0.25 | 24 |
| 486 | Evaluation of soil fertility treatments and seed innoculation for the growth of nodulation and yield of winged bean - a high protein crop of the tropic | UGC -MNRP | Chakrabarti,S.,Dr.<br>Department of Botany<br>Brahamanand Keshab Chandra College<br>111/2 B.T. Road<br>Calcutta, West Bengal | 0.12 | 24 |
| 487 | Studies on the use of induced autopolyploidy in the breeding of the Plantogoovata F. | UGC -MNRP | Singh,R.K.,Dr.<br>Department of Botany<br>Narain College<br>Shikohabad-205135, Uttar Pradesh | 0.15 | 24 |
| 488 | Ecological study of some crop weeds of Baghelkhand region of Madhya Pradesh, India | UGC -MNRP | Mishra,S.K.,Shri<br>Department of Botany<br>Government New Science College, Rewa<br>Rewa-486001, Madhya Pradesh | 0.05 | 24 |
| 489 | Studies on herbaceous plants of Kabal Anglong district of Assam with reference to taxonomy and economic utilization | UGC -MNRP | Sarkar,S.,Ms.<br>Department of Botany<br>Rangia College<br>Rangia-781354, Assam | 0.22 | 24 |
| 490 | Heavy metal stress on algal of bivalve larve in controlled aquaculture | UGC -MNRP | Pugazhendi,S.S.,Dr.<br>Department of Botany<br>Lady Doak College<br>Madurai-625001, Tamil Nadu | 0.20 | 24 |
| 491 | Ecology of Parthenium hysterophorus | UGC -MNRP | Murthy,B.V.,Dr.<br>Department of Botany<br>Government College for Women, Khammam<br>Khammam-507001, Andhra Pradesh | 0.25 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 492 | Investigations of fern genus orphioglossumi of Rajasthan with special reference to its cytology, ecology and survival strategies | UGC -MNRP | Yadav,B.L.,Dr.<br>Department of Botany<br>M.L.W. Government College<br>Bhilwara-311001, Rajasthan | 0.15 | 24 |
| 493 | Short and long term effects of heavy metals (copper, cadmium and zinc) on the mayfly, Cloeon muellerae (ephemeroptera:baetioae) | UGC -MNRP | Gupta,A.,Dr.<br>Department of Zoology<br>St. Edmunds College<br>Shillong-793001, Meghalaya | 0.17 | 24 |
| 494 | Study on certain elements in 20 methylcholantrene induced carcinoginesis of rat | UGC -MNRP | Ali,A.,Shri<br>Department of Zoology<br>Bajali College<br>Pathsala<br>Guwahati-788004, Assam | 0.23 | 24 |
| 495 | Effect of diabeties mellitus on the central nervous system | UGC -MNRP | Ajantha,J.,Mrs.<br>Department of Zoology<br>Ethiraj College for Women<br>Madras, Tamil Nadu | 0.11 | 24 |
| 496 | Survey of aquatic pollution in the selected freshwater systems and drainages in Madras | UGC -MNRP | Alphonse,A.,Dr.<br>Department of Zoology<br>Loyola College<br>Nungampakkam<br>Madras-600034, Tamil Nadu | 0.15 | 24 |
| 497 | Effects of nicotine on the central nervous system of rats | UGC -MNRP | Amrendra,,Dr.<br>Department of Zoology<br>Saraswati Degree College<br>Hathras-204101, Uttar Pradesh | 0.15 | 24 |
| 498 | Studies on biology of helminth parasites and their effects on blood parameters of fishes of Chotanagpur pateau | UGC -MNRP | Sinha,A.K.,Dr.<br>Department of Zoology<br>Cooperative College, Jamshedpur<br>Jamshedpur-831001, Bihar | 0.18 | 24 |
| 499 | Control of mosquito population in domestic water storage containers by the dragonfly nymphs | UGC -MNRP | Andrew,R.J.,Dr.<br>Department of Zoology<br>Nevjabai Hitkarni College<br>Brahmpuri-441206, Maharashtra | 0.21 | 24 |
| 500 | Studies on cytological anomalies in endocervical cells in human cervix uteri | UGC -MNRP | Sarangi,A.,Dr.<br>Department of Zoology<br>Ravenshaw College<br>Cuttack-753003, Orissa | 0.19 | 24 |
| 501 | Molecular epidemiology of plasmid pattern in Escherichia coli obtained from urinary tract infection | UGC -MNRP | Chattopadya,A.K.,Shri<br>Department of Zoology<br>Burdwan Raj College<br>Shyamsayar West<br>Burdwan-713101, West Bengal | 0.24 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 502 | Recycling of poultry wastes for the rearing of Indian major carps in earthern ponds | UGC -MNRP | Arockiam,J.P.,Dr.<br>Department of Zoology<br>St. Xavier's College<br>Palayamkottai-627002, Tamil Nadu | 0.18 | 24 |
| 503 | Influence of estrogens on the structural and secretory components of the urophygial gland - a sebaceous gland homologue of aian skin | UGC -MNRP | Majumdar,B.,Shri<br>Department of Zoology<br>Midnapore College<br>Midnapore-721101, West Bengal | 0.15 | 24 |
| 504 | Influence of diaminoacids and thyroxine in the production and composition of silk in Bombyx mori | UGC -MNRP | Chandrakantah,J.,Dr.<br>Department of Zoology<br>Arulmigu Palaniandavar Arts College<br>Pakani-624601, Tamil Nadu | 0.18 | 24 |
| 505 | Studies on pineal organs in some fresh water fishes | UGC -MNRP | Kachhap,D.,Shri<br>Department of Zoology<br>Ranchi College<br>Ranchi-834001, Bihar | 0.25 | 24 |
| 506 | Endocrinology ..... immune cytochemical (ICC) studies of gastrointestinal (GT) regulatory peptides secreting cells in vertibrates | UGC -MNRP | Jain,D.K.,Dr.<br>Department of Zoology<br>Bareilly College<br>Bareilly-243001, Uttar Pradesh | 0.20 | 24 |
| 507 | Toxicological effects of a mercury based fungicide on a freshwater fish Tilapia mossambica, peters and its ecological implications | UGC -MNRP | Samanta,D.P.,Shri<br>Department of Zoology<br>K.S.U.B. College<br>Ganjam<br>Bhanjanagar-761126, Orissa | 0.20 | 24 |
| 508 | A study of the influence of the hydrobiological factors on the hematology (stress indicators) of the commercially important fishes of the aquaculture ponds in. | UGC -MNRP | Swetharanyam,D.,Mrs.<br>Department of Zoology<br>Dharmapuram Ghanambikai<br>Government Arts College<br>Mayiladuthurai-609001, Tamil Nadu | 0.13 | 24 |
| 509 | Studies on the regulation of plasma cortisol dynamics by some non classic adrenocortico tropic agents on Clarious baitrachus, an air breathing teleost | UGC -MNRP | Kaur,D.,Shri<br>Department of Zoology<br>Women's College, Ranchi<br>Ranchi-834001, Bihar | 0.20 | 24 |
| 510 | Studies on biological activity of plant extracts on lepidopteran andcoleopteran pests | UGC -MNRP | Dhanasekaran,S.,Shri<br>Department of Zoology<br>Yadava College<br>Madurai-625001, Tamil Nadu | 0.11 | 24 |
| 511 | Systematics of the fishes of the family gerreidae | UGC -MNRP | Girija Kumari,S.,Mrs.<br>Department of Zoology<br>D.N.R. College<br>Bhimavaram-534201, Andhra Pradesh | 0.15 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 512 | Toxicity of secondary plant products on lepidopteran pests | UGC -MNRP | Gopal,,Dr.<br>Department of Zoology<br>Yadava College<br>Madurai-625001, Tamil Nadu | 0.13 | 24 |
| 513 | Evolving an animal model for acute rheumatic fever and rheumatic heart disease | UGC -MNRP | Jabamani,,Mrs.<br>Department of Zoology<br>Voorhees College<br>Vellore-632001, Tamil Nadu | 0.24 | 24 |
| 514 | A survey of the impact of pollutants on the people at Eloor-Edayar industrial belt | UGC -MNRP | Kurien,P.J.,Shri<br>Department of Zoology<br>Union Christain College<br>Aluva-683101, Kerala | 0.18 | 24 |
| 515 | The role of soil microarthopods in fertility of the soil and the effect of pollutants on the microarthopod community | UGC -MNRP | William,S.J.,Dr.<br>Department of Zoology<br>Loyola College<br>Nungampakkam<br>Madras-600034, Tamil Nadu | 0.12 | 24 |
| 516 | A study on the behavioural aspects of south Indian bats | UGC -MNRP | Vanitharani,J.,Ms.<br>Department of Zoology<br>Sarah Tucker College<br>Tirunelveli-627001, Tamil Nadu | 0.20 | 24 |
| 517 | Studies on the biochemistry aspects of the larval stages casside...reproduction | UGC -MNRP | Kapila,D.P.,Dr.<br>Department of Zoology<br>S.D. College<br>Barnala-148101, Punjab | 0.25 | 24 |
| 518 | Effects of pesticides on survival respiration and reproductive physiology of freshwater fish, Tilapia mossambica | UGC -MNRP | Jaiswal,K.B.,Dr.<br>Department of Zoology<br>Tuljaram Chaturchand College<br>Baramati<br>Pune-411001, Maharashtra | 0.21 | 24 |
| 519 | Endocrine mechanism and effect of bioamines on the reproductive physiology of a crustacean spiralothelphusa hydrodroma (HERBST) | UGC -MNRP | Thirukulasekharan,R.,Dr.<br>Department of Zoology<br>Government Arts College, Salem<br>Salem-636001, Tamil Nadu | 0.12 | 24 |
| 520 | Isolation and identification of the active components from the preferred food plant species allowing maximum survival growth and development in ... orthoptera | UGC -MNRP | Dixit,L.,Mrs.<br>Department of Zoology<br>Christ Church College<br>Kanpur-208001, Uttar Pradesh | 0.20 | 24 |
| 521 | Studies on the efficacy of chitin synthesis - inhibitors on insect pests | UGC -MNRP | Trigunayat,M.M.,Shri<br>Department of Zoology<br>Government MSJ College, Bharatpur<br>Bharatpur-321001, Rajasthan | 0.21 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 522 | Studies on the edible castropods and bivalves of eastern and westernSinghbhum districts of Bihar State | UGC -MNRP | Mehato,M.C.,Dr.<br>Department of Zoology<br>Tata (PG) College<br>Chaibasa-833201, Bihar | 0.26 | 24 |
| 523 | Studies on enzymes associated with egg formation in the mosquito culex quinquefasciatus | UGC -MNRP | Manimegalai,M.,Dr.<br>Department of Zoology<br>Mongunadu Arts & Science College<br>Coimbatore-641018, Tamil Nadu | 0.13 | 24 |
| 524 | Characterization of species specific and sex limited protein factors at the larval, pupal and adult stages of mosquito Culex sp. | UGC -MNRP | Manimozhi,K.,Dr.<br>Department of Zoology<br>A.V.C. College<br>Mayiladuthurai-609001, Tamil Nadu | 0.14 | 24 |
| 525 | Monitoring the project on water pollution by sugar industrial effluents, its toxicity to the fresh water crab and control | UGC -MNRP | Matkar,L.S.,Prof.<br>Department of Zoology<br>New Arts, Commerce & Science College<br>Ahmednagar-414001, Maharashtra | 0.11 | 24 |
| 526 | Toxicity assessment of pulp and paper mill effluents to fresh water fish | UGC -MNRP | Mishra,K.D.,Dr.<br>Department of Zoology<br>S.S.L. Jain (PG) College<br>Vidisha-464001, Madhya Pradesh | 0.75 | 24 |
| 527 | Effect of aldrin formothion and propoxur on protein metabolism and ionic balance in fresh water Indian cat fish Heteropne ustes fossilts | UGC -MNRP | Singh,N.N.,Dr.<br>Department of Zoology<br>Kamla Nehru Institute of Physics & Social Sciences<br>Sultanpur-228001, Uttar Pradesh | 0.10 | 24 |
| 528 | Toxicological impact of tannery effluent on the physiology and biochemistry of a freshwater fish | UGC -MNRP | Navaraj,P.S.,Shri<br>Department of Zoology<br>Yadava College<br>Madurai-625001, Tamil Nadu | 0.20 | 24 |
| 529 | Acute toxicity of certain pesticides on the gastrointestinal tract of Cyprinus carpio | UGC -MNRP | Rai,N.,Mrs.<br>Department of Zoology<br>Government Benazir College, Bhopal<br>Bhopal-462001, Madhya Pradesh | 0.15 | 24 |
| 530 | Investigations on the ecology and some aspects of biology of freshwater prawn Macrobrachium birmancium choprai | UGC -MNRP | Paul,A.L.,Shri<br>Department of Zoology<br>Biswanath College<br>Sonitpur<br>Charali-784176, Assam | 0.25 | 24 |
| 531 | Ecological, behavioural and biological studies of rodents in Ajmer region and their control | UGC -MNRP | Pawar,V.S.,Shri<br>Department of Zoology<br>Government College, Kishangar<br>Kishangar-305802, Rajasthan | 0.10 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 532 | Impact assessment of bioecological changes in the nematode fauna of rice crops in Doon valley | UGC -MNRP | Jauhari,R.K.,Dr.<br>Department of Zoology<br>D.A.V. (PG) College, Dehradun<br>Dehradun-248001, Uttar Pradesh | 0.17 | 24 |
| 533 | Role of some therapeutic agents on mercury toxicity in males | UGC -MNRP | Rao,M.V.,Dr.<br>Department of Zoology<br>School of Sciences<br>Ahmedabad-380009, Gujarat | 0.21 | 24 |
| 534 | Systematics and population studies on fishes of the family polynemidae | UGC -MNRP | Ratnamala,B.,Mrs.<br>Department of Zoology<br>D.N.R. College<br>Bhimavaram-534201, Andhra Pradesh | 0.15 | 24 |
| 535 | Ecotoxicology and tannery effluents from Chrompet | UGC -MNRP | Revathi,K.,Ms.<br>Department of Zoology<br>Ethiraj College for Women<br>Madras, Tamil Nadu | 0.15 | 24 |
| 536 | Toxicological impact of chemical pollutant endosulfan thidan on the cytophysiology of some target organs in Heteropneust is fossilts | UGC -MNRP | Renu Devi,,Smt.<br>Department of Zoology<br>Bajali College<br>Pathsala<br>Guwahati-788004, Assam | 0.17 | 24 |
| 537 | Studies on limnological and toxicological aspects of freshwater fish ponds | UGC -MNRP | Tripathy,S.,Shri<br>Department of Zoology<br>Odapada Panchayat Samiti College<br>Nindol Road<br>Dhenkanal-759001, Orissa | 0.15 | 24 |
| 538 | Chromosomal polymorphism in some populations of Bufo melanostictus (Amphibia) with special reference to constitutive heterochromatin | UGC -MNRP | Banerjee,S.N.,Dr.<br>Department of Zoology<br>Rammohan College<br>Calcutta, West Bengal | 0.18 | 24 |
| 539 | Bio environmental management of breeding places of mosquito in Vidisha | UGC -MNRP | Saxena,O.P.,Dr.<br>Department of Zoology<br>Government Girls College, Vidisha<br>Vidisha-464001, Madhya Pradesh | 0.15 | 24 |
| 540 | Studies on reproductive patterns and some biochemical changes of Holothuria atra of Kanwar coast, Karnataka State | UGC -MNRP | Shivaprakash,V.H.,Shri<br>Department of Zoology<br>Karnatak Science College<br>Dharwad-580001, Karnataka | 0.20 | 24 |
| 541 | Earthworm and humus formation in soil | UGC -MNRP | Banerjee,S.,Dr.<br>Department of Zoology<br>Shri Vidyasagar College<br>Birbhum<br>Suri-731101, West Bengal | 0.16 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 542 | Studies of drinking and irrigation well water contamination at the vicinity of tanneries at Erode | UGC -MNRP | Subramanian,M.A.,Dr.<br>Department of Zoology<br>Chikkaiah Naicker College<br>Erode-638001, Tamil Nadu | 0.17 | 24 |
| 543 | Prawn feed - a critical analysis on cost effective formulation for optimum growth | UGC -MNRP | Sukhavant,L.,Dr.<br>Department of Zoology<br>Ethiraj College for Women<br>Madras, Tamil Nadu | 0.16 | 24 |
| 544 | Evaluation of nematicidal property of some plain extracts and their effect on pathological metabolism of a host plant | UGC -MNRP | Vaitheeswaran,M.,Dr.<br>Department of Zoology<br>V.O. Chidambaram College<br>Tuticorin-628008, Tamil Nadu | 0.09 | 24 |
| 545 | Evaluation of pesticide toxicity in vegetables, fruits, milk and water in Periyar district (Tamil Nadu) | UGC -MNRP | Varadaraj,G.,Dr.<br>Department of Zoology<br>Chikkaiah Naicker College<br>Erode-638001, Tamil Nadu | 0.15 | 24 |
| 546 | Chromosomal variation and karyotype evoluation in Tristria pulvinata(orthoptera: acrididae) | UGC -MNRP | Yadav,A.S.,Dr.<br>Department of Zoology<br>University College, Kurukshetra<br>Kurukshetra-132118, Haryana | 0.14 | 24 |
| 547 | Role of calcium and calcium aluminium interaction in alzheimer's type of presenile dementia in mammals | UGC -MNRP | Chaudhuri,A.N.,Dr.<br>Department of Zoology<br>Lady Brabowne College<br>Calcutta, West Bengal | 0.16 | 24 |
| 548 | Studies on microbial deterioration of metal working fluids | UGC -MNRP | Bhole,B.D.,Dr.<br>Department of Microbiology<br>Abasaheb Garware College<br>Narve Road<br>Pune-411004, Maharashtra | 0.15 | 24 |
| 549 | Micro algal flora of polluted environment | UGC -MNRP | Goyal,D.,Dr.<br>Department of Microbiology<br>Ramlal Anand College<br>Benito Juarez Road<br>New Delhi, Delhi | 0.12 | 24 |
| 550 | Isolation and characterization of an antifungal agent from Bacillus licheniformis | UGC -MNRP | Kshirsagar,V.G.,Shri<br>Department of Microbiology<br>Abasaheb Garware College<br>Narve Road<br>Pune-411004, Maharashtra | 0.09 | 24 |
| 551 | Characterization of a soluable factor(s) from submaxillary gland of rat and its specific role in female reproduction and fertility control | UGC -MNRP | Banerjee,P.N.,Dr.<br>Department of Physiology<br>Presidency College, Calcutta<br>Calcutta-700073, West Bengal | 0.10 | 24 |



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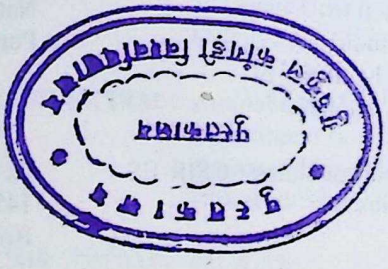
**BROAD SUBJECT AREA : BIOLOGICAL SCIENCES**

| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 552 | Studies on rhizosphere micro flora of field crops of Nandurbar tal with special reference to Trichoderma sp. | UGC -MNRP | Ramaiah,P.V.,Shri<br>Department of Life Sciences<br>Gajmal Tulashiram Patil College<br>Dhule-424001, Maharashtra | 0.10 | 24 |
| 553 | Studies on the biodeteroration of ancient stone work with special reference to Ajanta and Aurangabad caves | UGC -MNRP | Ramakant,D.R.,Dr.<br>Department of Microbiology<br>Government College of Arts and Science<br>Aurangabad-431001, Maharashtra | 0.25 | 24 |
| 554 | Quantitative structure activity relationship study of antiuler and cardiovascular agents | UGC -MNRP | Sharma,R.C.,Shri<br>Department of Chemistry<br>Sri Kalyan Government College<br>Sikar-332001, Rajasthan | 0.16 | 24 |
| 555 | Studies on noise pollution status of Jabalpur city | UGC -MNRP | Shrivastava,R.K.,Dr.<br>Department of Environmental Science<br>Government Autonomous College of Science, Jabalpur<br>Pachpedhi<br>Jabalpur-482001, Madhya Pradesh | 0.25 | 24 |





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# BROAD SUBJECT AREA : CHEMICAL SCIENCES

| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 556 | Metabolites from marine organisms | CSIR-ES | Rao,Ch.B.,Prof.<br>Department of Organic Chemistry<br>Andhra University<br>Visakhapatnam-530003, Andhra Pradesh | 3.43 | 36 |
| 557 | Search for bioactive compounds from the bay of Bengal | CSIR-ES | Barua,A.K.,Prof.<br>Department of Chemistry<br>Bose Institute<br>93/1, A.P.C. Road<br>Calcutta-700009, West Bengal | 3.43 | 36 |
| 558 | Solvent extraction separation studies of selected metals with macrocyclic and macrobiocyclic polyethers and related compounds | CSIR-ES | Khopkar,S.M.,Dr.<br>Department of Chemistry<br>Indian Institute of Technology, Bombay<br>Powai<br>Bombay-400076, Maharashtra | 3.43 | 36 |
| 559 | Chiral synthesis of pharmaceutical agents of commercial importance | CSIR-ES | Chatterjee,S.K.,Dr.<br>119-A, Faizabad Road<br>Lucknow-226007, Uttar Pradesh | 3.40 | 36 |
| 560 | Chemistry of ...steroids and study of their biological activity | CSIR-ES | Ray,A.B.,Dr.<br>Banaras Hindu University<br>Varanasi-221005,Uttar Pradesh | 3.40 | 36 |
| 561 | Studies on the biodegradation of polycyclic aromatic hydrocarbons in microorganisms using naphthalene and substituted naphthalenes as model system | CSIR-ES | Vaidyanathan,C.S.,Prof.<br>Department of Biochemistry<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 3.29 | 36 |
| 562 | Development of novel synthetic approaches in designing bioactive oraganic molecules. (A) Unified approach to bioactive.....synthesis. (B) Studies on construction.....agents. (C) The utility of photochemically .....its congeners | CSIR-ES | Sonawane,H.R.,Dr.<br>Division of Organic Chemistry<br>National Chemical Laboratory<br>Pune-411008, Maharashtra | 3.40 | 36 |
| 563 | Synthesis of drugs and drug intermediates and chemical structure-activities relationship | CSIR-ES | De Souza,N.J.,Dr.<br>145, NIBBANA, Pali Hill, Bandra<br>Bombay-400050, Maharashtra | 3.43 | 36 |
| 564 | Reactions of [RuCl2 {n6-C6(CH3)6}]2 nitriles, acetylenes and other bridging ligands | CSIR-EXTRM | Pandey,D.S.,Dr.<br>Department of Chemistry<br>Awadhesh Pratap Singh University<br>Rewa-486003, Madhya Pradesh | 2.99 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 565 | Transpassive dissolution and localized corrosion of stainless steels and few nickel based alloys | CSIR-EXTRM | Singh,V.B.,Dr.<br>Department of Chemistry<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 1.99 | 36 |
| 566 | Fire-resistant fuel mixtures with surfactants | CSIR-EXTRM | Bhagwat,S.S.,Dr.<br>Department of Chemical Technology<br>Bombay University<br>Matunga<br>Bombay-400019, Maharashtra | 2.49 | 36 |
| 567 | Solvent extraction of toxic trace metals (Zn, Cd, Hg, As, Sb and Bi) & their estimations with atomic absorption spectrophotometer and ion selective electrode | CSIR-EXTRM | Shah,N.K.,Dr.<br>Department of Chemistry<br>Gujarat University<br>Ahmedabad-380009, Gujarat | 1.89 | 36 |
| 568 | Excited state structural studies of quinones | CSIR-EXTRM | Umapathy,S.,Dr.<br>Department of Inorganic & Physical Chemistry<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 2.29 | 36 |
| 569 | Ion solvation of group IB and IIB metal cryptate complexes in mixed solvents | CSIR-EXTRM | Kalidas,C.,Dr.<br>Department of Chemistry<br>Indian Institute of Technology, Madras<br>Madras-600036, Tamil Nadu | 1.99 | 36 |
| 570 | Studies on some aspects of chemistry of vanadium, copper and molybdenum-synthesis, structure, and reactivity | CSIR-EXTRM | Bhattacharjee,N.,Dr.<br>Department of Chemistry<br>Indian Institute of Technology, Kharagpur<br>Kharagpur-721302, West Bengal | 2.14 | 36 |
| 571 | Oxe-transfer chemistry of molybdenum tungsten and uranium | CSIR-EXTRM | Bhattacharyya,R.,Dr.<br>Department of Chemistry<br>Jadavpur University<br>Calcutta-700032, West Bengal | 4.58 | 36 |
| 572 | Sorption and diffusion of organic liquids and aqueous electrolyte solutions into engineering polymer membranes | CSIR-EXTRM | Aminabhavi,T.M.,Dr.<br>Department of Chemistry<br>Karnatak University<br>Dharwad-580003, Karnataka | 3.69 | 36 |
| 573 | Study of ultrasonic velocity and density of binary liquid mixtures | CSIR-EXTRM | Pal,A.,Dr.<br>Department of Chemistry<br>Kurukshetra University<br>Kurukshetra-132119, Haryana | 3.24 | 36 |
| 574 | Methods of separation and determination of heavier transition elements | CSIR-EXTRM | Kakkar,L.R.,Dr.<br>Department of Chemistry<br>Kurukshetra University<br>Kurukshetra-132119, Haryana | 2.04 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 575 | Synthesis and physicochemical and biological investigations of platinum metals coordination compounds of some biologically active thiosemicarbazones of 4-aminoa-ntipyrine | CSIR-EXTRM | Agarwal,R.K.,Dr.<br>Department of Chemistry<br>Lajpat Rai (PG) College<br>Sahibabad-201005, Uttar Pradesh | 1.99 | 36 |
| 576 | Metal complexes of macrocyclic multi dentate schiff bases and model system for oxygen carriers | CSIR-EXTRM | Athappan,P.R.,Dr.<br>Department of Inorganic Chemistry<br>Madurai Kamaraj University<br>Madurai-625021, Tamil Nadu | 1.85 | 36 |
| 577 | Thermal investigation and stereochemical studies of some cyclic ligand complexes of transition and non-transition metal ions in the solid state | CSIR-EXTRM | Mitra,S.,Dr.<br>Department of Chemistry<br>Manipur University<br>Canchipur<br>Imphal-795003, Manipur | 1.85 | 36 |
| 578 | Model systems for oxygen atom transfer to organic compounds - role of oxometal ions | CSIR-EXTRM | Chellamni,A.,Dr.<br>Department of Chemistry<br>Manonmaniam Sundaranar University<br>Tirunelveli-627009, Tamil Nadu | 1.99 | 36 |
| 579 | Studies on thermal rearrangement of cyclopropyl methyl carbinols in dry DMSO : a new general methods for the synthesis of 1,3-dienes | CSIR-EXTRM | Junjappa,H.,Dr.<br>Department of Chemistry<br>North Eastern Hill University<br>Shillong-793003, Meghalaya | 3.38 | 36 |
| 580 | Electrical conductance, viscosity and calorimetric measurements of concentrated sulfuric acid in the low temperature region | CSIR-EXTRM | Ismail,K.,Dr.<br>Department of Chemistry<br>North Eastern Hill University<br>Shillong-793003, Meghalaya | 2.90 | 36 |
| 581 | Thermodynanics of the inclusion complexes | CSIR-EXTRM | Jain,D.V.S.,Prof.<br>Department of Chemistry<br>Punjab University<br>Chandigarh-160014, Chandigarh | 5.08 | 36 |
| 582 | Infrared spectroscopic study of the hydration of hydrophobic cations and structural changes in aqueous salt solutions | CSIR-EXTRM | Patil,K.J.,Dr.<br>Department of Physical Chemistry<br>Shivaji University<br>Kolhapur-416004, Maharashtra | 2.99 | 36 |
| 583 | Development and application of many-body correlation theories for the investigation of structure and transition processes | CSIR-EXTRM | Sinha,D.,Dr.<br>Department of Chemistry<br>Tripura University<br>Agartala-799004, Tripura | 4.49 | 36 |
| 584 | Structure and magnetic properties of Cu (II) compounds | CSIR-EXTRM | Rajasekharan,M.V.,Dr.<br>School of Chemistry<br>Hyderabad University<br>Hyderabad-500134, Andhra Pradesh | 1.99 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 585 | The activation of dioxygen for oxidation of aqueous sulphur dioxide,and SO2 and SPM profile of jaipur and its environs | CSIR-EXTRM | Gupta,K.S.,Dr.<br>Department of Chemistry<br>Rajasthan University<br>Jaipur-302004, Rajasthan | 2.99 | 36 |
| 586 | Solvent extraction behaviour of rhenium, tungsten, tantalum, molybdenum, niobium and vanadium with respect to their recovery and removal from raw or waste materials | CSIR-EXTRM | Tandon,S.N.,Dr.<br>Department of Chemistry<br>Roorkee University<br>Roorkee-247667, Uttar Pradesh | 3.35 | 36 |
| 587 | Quantum chemistry of ion-molecule interactions in the ground and excited states | CSIR-EXTRM | De,B.R.,Dr.<br>Department of Chemistry<br>Vidyasagar University<br>Midnapore-721102, West Bengal | 1.85 | 36 |
| 588 | Studies on conductive langmuir blodgett films based on amphiphilic charge transfer complexes | CSIR-EXTRM | Singh,R.A.,Dr.<br>Department of Chemistry<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 9.90 | 36 |
| 589 | Dioxiranes : selectivity in the reactions with heterocycles, aromtics,and heteroarmatics : stereochemistry and mechanisms | CSIR-EXTRM | Jeyaraman,R.,Dr.<br>Department of Chemistry<br>Bharathidasan University<br>Tiruchirapalli-620024, Tamil Nadu | 2.29 | 36 |
| 590 | Synthesis, characterization, chromatographic resolution and electrochemical reduction studies on n-phenylsulphamoyl-pyrimidinoaryl azopyrazoles | CSIR-EXTRM | Pandey,P.,Dr.<br>Department of Chemistry<br>Devi Ahilya Vishwavidyalaya<br>Khandwa Road<br>Indore-452001, Madhya Pradesh | 3.14 | 36 |
| 591 | Use of silica gel and aluminia as support and/or surface for some useful and selective transformations | CSIR-EXTRM | Raju,B.C.,Dr.<br>Department of Organic Chemistry<br>Indian Association for the Cultivation of Science<br>Jadavpur<br>Calcutta-700032, West Bengal | 2.29 | 36 |
| 592 | Photoinduced single electron transfer mediated michael reaction : a study of charge transfer intermediates from michael donors and acceptors | CSIR-EXTRM | Sankararaman,S.,Dr.<br>Department of Chemistry<br>Indian Institute of Technology, Madras<br>Madras-600036, Tamil Nadu | 6.29 | 36 |
| 593 | Synthesis of azetidinyl enediynes-potential antitumor antibiotics | CSIR-EXTRM | Basak,A.,Dr.<br>Department of Chemistry<br>Indian Institute of Technology, Kharagpur<br>Kharagpur-721302, West Bengal | 3.69 | 36 |
| 594 | A search for cytotoxic terpenoids and steroids from marine invertebrates and plants of Mandapam coast | CSIR-EXTRM | Ramesh,P.,Dr.<br>School of Chemistry<br>Madurai Kamaraj University<br>Madurai-625021, Tamil Nadu | 3.15 | 36 |



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BROAD SUBJECT AREA : CHEMICAL SCIENCES

| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 595 | Studies on sulphur-directed regiospecific lithiations in aryl and alkenyl systems and synthesis of biologically important sulphur heterocycles | CSIR-EXTRM | Perumal,S.,Dr.<br>School of Chemistry<br>Madurai Kamaraj University<br>Madurai-625021, Tamil Nadu | 3.29 | 36 |
| 596 | Organic redox reactions on irradiated semiconductor surfaces | CSIR-EXTRM | Srinivasan,C.,Dr.<br>Department of Materials Science<br>Madurai Kamaraj University<br>Madurai-625021, Tamil Nadu | 4.29 | 36 |
| 597 | Preparation and reactions of picolylstannanes....versatiles reagents for heterocyclic synthesis | CSIR-EXTRM | Basu,B.,Dr.<br>Department of Chemistry<br>North Bengal University<br>Darjeeling-734430, West Bengal | 3.15 | 36 |
| 598 | Phytochemical investigations of the flora of Darjeeling hill area and some transformative reactions of triterpenoids and steroids | CSIR-EXTRM | Pradhan,B.P.,Dr.<br>Department of Chemistry<br>North Bengal University<br>Darjeeling-734430, West Bengal | 3.29 | 36 |
| 599 | Studies on antinflammatory agents from plants | CSIR-EXTRM | Chawla,A.S.,Dr.<br>Department of Pharmaceutical Science<br>Punjab University<br>Chandigarh-160014, Chandigarh | 3.83 | 36 |
| 600 | Synthesis and biological activity of 6,6 '-Methylene biscoumarins and coumarin polymers | CSIR-EXTRM | Brahmbhatt,D.I.,Dr.<br>Department of Chemistry<br>Sardar Patel University<br>Vallabh Vidyanagar-388120, Gujarat | 2.29 | 36 |
| 601 | On the mechanism of eschenmoser chloronitrone | CSIR-EXTRM | Ghosh,A.,Dr.<br>Department of Chemistry<br>Sikkim Government College<br>Sikkim-737102, Sikkim | 3.15 | 36 |
| 602 | Regioselective intramolecular aryl-and vinyl-radicals cyclizations in synthesis of polycyclic compounds | CSIR-EXTRM | Ghatak,U.R.,Prof.<br>Department of Organic Chemistry<br>Indian Association for the Cultivation of Science<br>Jadavpur<br>Calcutta-700032, West Bengal | 4.58 | 36 |
| 603 | Model predictive control of distillation columns | CSIR-EXTRM | Saraf,D.N.,Dr.<br>Department of Chemical Engineering<br>Indian Institute of Technology, Kanpur<br>Kanpur-208016, Uttar Pradesh | 5.68 | 36 |
| 604 | Benzothiazolophanes : tailored molecules for conformational analysis and charge-transfer interactions | CSIR-EXTRM | Mashraqui,S.H.,Dr.<br>Department of Chemistry<br>Bombay University<br>Matunga<br>Bombay-400019, Maharashtra | 3.78 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 605 | Synthesis of heterocycles and reaction mechanism | CSIR-EXTRM | Majumdar,K.C.,Dr.<br>Department of Chemistry<br>Kalyani University<br>Kalyani-741235, West Bengal | 3.48 | 36 |
| 606 | Investigation of a new approach to partial ionicity in organic systems : design of organic conductors and superconductors | CSIR-EXTRM | Radhakrishnan,T.P.,Dr.<br>School of Chemistry<br>Hyderabad University<br>Hyderabad-500134, Andhra Pradesh | 3.50 | 36 |
| 607 | Synthesis of coronafacic acid - a model study for the synthesis of C/D system of steroids | CSIR-EXTRM | Kulkarni,M.G.,Dr.<br>Department of Chemistry<br>Poona University<br>Pune-411007, Maharashtra | 2.89 | 36 |
| 608 | Synthesis of high purity 99 mTC-MAG3 and related compounds for renal tubular function studies | DAE -BRNS | Banerjee,S.N.,Dr.<br>Indian Institute of Chemical Biology<br>4, Raja S.C. Mullick Road<br>Calcutta-700032, West Bengal | 6.57 | 36 |
| 609 | Use of radio active tracer techniques in studies : gas liquid-solid flows | DAE -BRNS | Joshi,J.B.,Dr.<br>Department of Chemical Technology<br>Bombay University<br>Matunga<br>Bombay-400019, Maharashtra | 8.93 | 36 |
| 610 | Use of gamma-irradiation to modify Indian silk to improve its crease resistance and colour fastness | DAE -BRNS | Katti,M.R.,Dr.<br>Shriram Institute for Industrial Research<br>Whitefield<br>Bangalore-560048, Karnataka | 0.98 | 12 |
| 611 | Effect of irradiation on polymeric packing films | DAE -BRNS | Kale,D.D.,Prof.<br>Department of Chemical Technology<br>Bombay University<br>Matunga<br>Bombay-400019, Maharashtra | 3.04 | 24 |
| 612 | Applications of nuclear techniques for hydrological problems in Kerala State | DAE -BRNS | Vasu,K.,Dr.<br>Centre for Water Resources<br>Development & Management<br>Kunnamangalam<br>Kozhikode-673571, Kerala | 29.95 | 60 |
| 613 | Single electron transfer reaction studies by ESR | DAE -BRNS | Chandra,H.,Dr.<br>Department of Chemistry<br>North Eastern Hill University<br>Shillong-793003, Meghalaya | 1.66 | 36 |



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BROAD SUBJECT AREA : CHEMICAL SCIENCES

| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 614 | Synthesis and photochemical studies of some metal and metalloid porphyrin complexes | DAE -BRNS | Srivastava,T.S.,Dr.<br>Department of Chemistry<br>Indian Institute of Technology, Bombay<br>Powai<br>Bombay-400076, Maharashtra | 2.05 | 36 |
| 615 | Studies on plant uptake of some toxic metals using radiotracer | DAE -BRNS | Prakash,S.,Prof.<br>Department of Chemistry<br>Dayalbagh Educational Institute<br>Dayalbagh<br>Agra-282005, Uttar Pradesh | 6.73 | 36 |
| 616 | Aromatic polybenzimidarole for use as R. O. membranes | DAE -BRNS | Maidar,N.N.,Dr.<br>Department of Chemistry<br>Shivaji University<br>Centre for P.G. Studies<br>Solapur-413003, Maharashtra | 3.73 | 36 |
| 617 | Non-destructive analysis of ancient coins using Cf-252 neutron source | DAE -BRNS | Rajurkar,N.S.,Dr.<br>Department of Chemistry<br>Poona University<br>Pune-411007, Maharashtra | 2.28 | 36 |
| 618 | Radiolyte desulpherisation and demineral-isation of high sulphur coals | DAE -BRNS | Tripathi,P.S.M.,Dr.<br>Central Fuel Research Institute<br>P.O. RRI<br>Dhanbad-828108, Bihar | 4.31 | 36 |
| 619 | Structure studies of deformed nuclei | DAE -BRNS | Sood,P.C.,Prof.<br>Department of Physics<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 0.24 | 36 |
| 620 | Synthesis of new steroid haptens for immunoassay | DAE -BRNS | Trivedi,G.K.,Dr.<br>Department of Chemistry<br>Indian Institute of Technology, Bombay<br>Powai<br>Bombay-400076, Maharashtra | 2.53 | 36 |
| 621 | Structure property studies in Pi conjuga-ting side groups containing polydiacetyl-enes | DAE -BRNS | Talwar,S.S.,Prof.<br>Department of Chemistry<br>Indian Institute of Technology, Bombay<br>Powai<br>Bombay-400076, Maharashtra | 4.02 | 36 |
| 622 | New hybrid polymers containing P-N and P-N-S frameworks | DAE -BRNS | Chandrasekhar,V.,Dr.<br>Department of Chemistry<br>Indian Institute of Technology, Kanpur<br>Kanpur-208016, Uttar Pradesh | 2.84 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 623 | Synthetic photochemistry : photochemistry of some bichromophoric hetrocycles | DAE -BRNS | Gupta,S.C.,Dr.<br>Department of Chemistry<br>Kurukshetra University<br>Kurukshetra-132119, Haryana | 2.75 | 36 |
| 624 | Electrocatalytic and photo electrocatalyt ic reduction of oxygen at chemically mod-ified electrodes | DAE -BRNS | Ramaraj,R.,Dr.<br>School of Chemistry<br>Madurai Kamaraj University<br>Madurai-625021, Tamil Nadu | 4.50 | 36 |
| 625 | Development of analytical methods for monitoring evironmental constituents with special reference to organic pollutants | DAE -BRNS | Kumbhat,S.,Mrs.<br>Department of Chemistry<br>Jai Narain Vyas University<br>Jodhpur-342001, Rajasthan | 3.11 | 36 |
| 626 | Chemical analysis of water characteristi-cs relevant to the Kaiga Nuclear Power plant | DAE -BRNS | Gowda,B.T.,Prof.<br>Department of Chemistry<br>Mangalore University<br>Mangalore-574199, Karnataka | 5.82 | 36 |
| 627 | Alpha amino acid based marine natural products of Indian origin : exploration, structure-activity correlation synthesis | DOD -MRDF | Ranganathan,S.,Prof.<br>Indian Institute of Technology, Kanpur<br>Kanpur-208016,Uttar Pradesh | 16.27 | 36 |
| 628 | Preparation of optical fibre grade silic-on tetrachloride | DOE -NPC | Dongara,M.K.,Dr.<br>C-MET<br>Bhubaneshwar Colony, Pashan Road<br>Pune-411008, Maharashtra | 8.37 | 18 |
| 629 | Anaerobic/anoxic process for the treatme-nt of latex centrifuge effluent | DOEN-R&D | Haridas,A.,Dr.<br>Regional Research Laboratory,<br>Thiruvananthapuram-695019,Kerala | 3.98 | 36 |
| 630 | Smoke pollution control in coal field glass furnace | DOEN-R&D | Mukhrjee,S.K.,Prof.<br>Central Glass and Ceramic Research Institute<br>196, Raja S.C. Mullick Road<br>Calcutta-700032, West Bengal | 5.41 | 36 |
| 631 | Study of photocatalytic degradation of pesticides and carcinogenic material present in village drinking water | DOEN-R&D | Sharon,M.,Dr.<br>Department of Chemistry<br>Indian Institute of Technology, Bombay<br>Powai<br>Bombay-400076, Maharashtra | 3.09 | 36 |
| 632 | Detoxification of organic hazardous waste water by supercritical fluid carbon dioxide processing | DOEN-R&D | Mukhopadhyay,M.,Prof.<br>Department of Chemical Engineering<br>Indian Institute of Technology, Bombay<br>Powai<br>Bombay-400076, Maharashtra | 5.51 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 633 | Assessment of pollution due to aluminium industry and its useful abatement | DOEN-R&D | Thakur,R.S.,Dr.<br>Regional Research Laboratory, Bhubaneswar<br>Bhubaneswar-751013,Orissa | 4.58 | 36 |
| 634 | Environmental distribution transport and fate of halogenated hydrocarbons at Por-to-Novo | DOEN-R&D | Venugopalan,V.K.,Dr.<br>Annamalai University<br>Parangipettai-608502,Tamil Nadu | 2.71 | 36 |
| 635 | Toxic organic removal from waste water-hybrid absorption super-critical desorp-tion process | DOEN-R&D | Krishnaiah,A.,Dr.<br>Sri Venkateswara University<br>S.V.U. College of Engineering<br>Tirupati-517502, Andhra Pradesh | 4.85 | 36 |
| 636 | Removal of heavy metal toxic ions from effluent waters by inorganic particulates | DOEN-R&D | Mishra,S.P.,Dr.<br>Department of Chemistry<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 11.50 | 36 |
| 637 | Fabrication of SOx and COx electro chemical gas sensor | DOEN-R&D | Singh,K.,Dr.<br>Department of Physics<br>Nagpur University<br>Nagpur-440010, Maharashtra | 5.14 | 36 |
| 638 | Geo-environmental appraisal of Jhanji | DOEN-R&D | Kotoky,P.,Dr.<br>Regional Research Laboratory, Jorhat<br>Jorhat-785006,Assam | 3.57 | 36 |
| 639 | Study of dioxins and furens present in the Indian environment | DOEN-R&D | Kumar,S.,Dr.<br>Institute of Paper Technology<br>Roorkee University<br>Saharannpur-247001, Uttar Pradesh | 5.08 | 36 |
| 640 | Development of enzyme-mimics for decontamination of toxic organophos-phates and related simulants | DRDO-GIA | Bhattacharya,S.,Dr.<br>Department of Organic Chemistry<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 13.30 | 36 |
| 641 | Trace analysis of toxic metal ions using high order derivative spectrophotometry | DRDO-GIA | Singh,H.B.,Dr.<br>Delhi University<br>Delhi-110007,Delhi | 1.00 | 24 |
| 642 | Synthesis of optically active ponosides new triterpene galactosides | DST -SERC | Roy,K.J.,Dr.<br>Department of Chemistry<br>Indian Institute of Technology, Kharagpur<br>Kharagpur-721302, West Bengal | 10.33 | 36 |
| 643 | Organometallic reagents with metal bonds for application in organic synthesis | DST -SERC | Periaswamy,M.,Dr.<br>School of Chemistry<br>Hyderabad University<br>Hyderabad-500134, Andhra Pradesh | 7.49 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 644 | Organometallic chemistry of Group-VI transition metal polypyrazolyl chelates | DST -SERC | Sarkar,A.,Dr.<br>Department of Organic Chemistry<br>National Chemical Laboratory<br>Pune-411008, Maharashtra | 4.42 | 36 |
| 645 | Design, synthesis and evaluation of new molecular receptors | DST -SERC | Maitra,U.,Dr.<br>Department of Organic Chemistry<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 15.17 | 36 |
| 646 | Molecular design and characterisation of metallorganic precursors for better ceramic and catalytic materials | DST -SERC | Singh,A.,Dr.<br>Department of Chemistry<br>Rajasthan University<br>Jaipur-302004, Rajasthan | 5.40 | 36 |
| 647 | Activation of small molecules and stabilisation of unstable inorganic species with coordination compounds : structure, spectroscopy and molecular orbital calculations | DST -SERC | Pandey,K.K.,Prof.<br>Department of Chemistry<br>Devi Ahilya Vishwavidyalaya<br>Khandwa Road<br>Indore-425002, Madhya Pradesh | 6.87 | 36 |
| 648 | Theoretical studies on the mechanisms of photochemical reactions | DST -SERC | Subramanian,S.,Prof.<br>Department of Chemistry<br>Indian Institute of Technology, Madras<br>Madras-600036, Tamil Nadu | 6.18 | 36 |
| 649 | Micellar catalysed aromatic nucleophilic substitution reactions in organic solvents | DST -SERC | Jain,A.K.,Prof.<br>Department of Chemistry<br>Roorkee University<br>Roorkee-247667, Uttar Pradesh | 7.24 | 36 |
| 650 | Reactivity of tetracarboxylate-dirutheni-um (II, III) core toward P-and N-donor ligands | DST -SERC | Chakravarty,A.R.,Dr.<br>Department of Inorganic & Physical chemistry<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 3.70 | 36 |
| 651 | Stereoselective synthesis of brassinolide side chain : synthesis of brassinolide and its analogues | DST -SERC | Hazra,B.G.,Dr.<br>Department f Organic Chemistry<br>National Chemical Laboratory<br>Pune-411008, Maharashtra | 4.48 | 36 |
| 652 | Synthesis and application of substituted 1,3-dienes towards bio-active natural products | DST -SERC | Bhat,S.V.,Prof.<br>Department of Chemistry<br>Indian Institute of Technology, Bombay<br>Powai<br>Bombay-400076, Maharashtra | 6.11 | 36 |
| 653 | Pyrazole derivatives of boron and some other main group elements and their coordination chemistry | DST -SERC | Das,M.K.,Dr.<br>Department of Chemistry<br>Jadavpur University<br>Calcutta-700032, West Bengal | 8.05 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 654 | Chemical, physicochemical, structural and theoretical investigations of alkali and alkaline earth cation systems - chemistry of use to biological and geological processess | DST -SERC | Poonia,N.S.,Prof.<br>Department of Chemistry<br>Devi Ahilya Vishwavidyalaya<br>Khandwa Road<br>Indore-452001, Madhya Pradesh | 14.40 | 36 |
| 655 | Free radical chemistry of nucleic acid compounds in aqueous solutions | DST -SERC | Rao,B.S.M.,Dr.<br>Department of Chemistry<br>Poona University<br>Pune-411007, Maharashtra | 7.97 | 36 |
| 656 | Development of a process for the preparation of rare earth oxide/mixed oxide pillared clays | DST -SERC | Warrier,K.G.K.,Dr.<br>Regional Research Laboratory,<br>Thiruvananthapuram<br>Thiruvananthapuram-695019,Kerala | 8.03 | 36 |
| 657 | Chemistry of Indian orchidaceae plants | DST -SERC | Majumdar,P.,Dr.<br>College of Science<br>Calcutta University<br>35, Ballygunge Circular Road<br>Calcutta-700019, West Bengal | 7.87 | 36 |
| 658 | Synthesis and structural studies on novel metal oxides | DST -SERC | Ramanan,A.,Dr.<br>Department of Chemistry<br>Indian Institute of Technology, Delhi<br>New Delhi-110016, Delhi | 5.22 | 36 |
| 659 | Novel cycloadditions of o-quinones and related chemistry synthetic applications | DST -SERC | Nair,V.,Dr.<br>Regional Research Laboratory<br>Thiruvananthapuram-695019,Kerala | 14.61 | 36 |
| 660 | Routes to functional mimics of membranes | DST -SERC | Bhattacharya,S.,Dr.<br>Department of Organic Chemistry<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 7.21 | 36 |
| 661 | Novel biopolymers containing mesogenic side groups | DST -SERC | Lonikar,S.V.,Dr.<br>Department of Chemistry<br>Shivaji University<br>Centre for P.G. Studies<br>Solapur-413003, Maharashtra | 5.66 | 36 |
| 662 | Total synthesis of sesquiterpine lactones from D-glucose | DST -SERC | Suryawanshi,S.N.,Dr.<br>Department of Medicinal Chemistry<br>Central Drug Research Institute<br>Chattar Manzil<br>Lucknow-226001, Uttar Pradesh | 5.48 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 663 | Chemical and electrochemical investigations of donor ligands | DST -SERC | Ghosh,S.,Dr.<br>Department of Inorganic Chemistry<br>Indian Association for the Cultivation of Science<br>Jadavpur<br>Jadavpur-700032, West Bengal | 7.56 | 36 |
| 664 | Synthesis and characterisation of novel transition metal complexes relevance to metallarbiomolecules with intrinsic active sites | DST -SERC | Mukherjee,R.N.,Dr.<br>Department of Chemistry<br>Indian Institute of Technology, Kanpur<br>Kanpur-208016, Uttar Pradesh | 21.83 | 36 |
| 665 | Investigation on the preparation of the new pillard clays using indeginous emicties and the possibility of their substitution onn place of petroleum industry | DST -SERC | Jai Prakash,B.S.,Dr.<br>Department of Chemistry<br>Bangalore Institute of Technology<br>Bangalore-560012, Karnataka | 7.26 | 36 |
| 666 | Design and synthesis of steroidal inhibitors of aromatase | DST -SERC | Nangia,A.,Dr.<br>Department of Chemistry<br>Hyderabad University<br>Hyderabad-500134, Andhra Pradesh | 7.75 | 36 |
| 667 | Cobalt mediated oxidative free radical catylysation in organic chemistry | DST -SERC | Iqbal,J.,Dr.<br>Department of Chemistry<br>Indian Institute of Technology, Kanpur<br>Kanpur-208016, Uttar Pradesh | 10.58 | 36 |
| 668 | Natural product synthesis via carbohydrates | DST -SERC | Kulkarni,M.G.,Dr.<br>Department of Chemistry<br>Poona University<br>Pune-411007, Maharashtra | 6.03 | 36 |
| 669 | High fructose corn syrup preparation by glucose isomerase immobilised on magnetic supports | DST -SERCYS | Tyagi,R.,Dr.<br>Department of Chemistry<br>Indian Institute of Technology, Delhi<br>New Delhi-110016, Delhi | 1.99 | 24 |
| 670 | Bioinorganic model chemistry of 3d transition elements | DST -SERCYS | Ray,D.,Dr.<br>Department of Chemistry<br>Indian Institute of Technology, Kharagpur<br>Kharagpur-721302, West Bengal | 2.53 | 24 |
| 671 | Investigation of phase diagram and its correlation with ionic conductivity in lithium and sodium based solid electrolytes | DST -SERCYS | Manoravi,P.,Dr.<br>Department of Physics<br>Indian Institute of Technology, Kanpur<br>Kanpur-208016, Uttar Pradesh | .69 | 24 |
| 672 | Bifurcation phenomena and complex oscillations in chemical systems | DST -YS | Misra,G.P.,Dr.<br>Department of Medicinal Chemistry<br>Central Drug Research Institute<br>Chattar Manzil<br>Lucknow-226001, Uttar Pradesh | 1.82 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 673 | Development of ion selective electrodes for potassium and sodium ions based on polycyclic ethers | DST -YS | Jeyakumar,D.,Dr.<br>Central Electrochemical Research Institute<br>Karaikudi-623003,Tamil Nadu | 0.95 | 24 |
| 674 | Development of industrial zinc electroplating from chloride type bath | DST -YS | Venkatesha,T.V.,Dr.<br>Department of Chemistry<br>Karnataka Regional Engineering College<br>Srinivasnagar<br>Surathkal-574157, Karnataka | 1.10 | 24 |
| 675 | Preparation of functional polymers using living polymerisation methods | DST -YS | Ramakrishnan,S.,Dr.<br>Department of Inorganic & Physical Chemistry<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 2.30 | 24 |
| 676 | Mechanistic studies of the acidic hydrolysis of some carbon and nitrogen substituted hydroxamic acids | DST -YS | Ghosh,K.K.,Dr.<br>School of Studies in Chemistry<br>Pt. Ravishankar Shukla University<br>Raipur-492010, Madhya Pradesh | 2.19 | 24 |
| 677 | Organometallic polymers containing intrachain ferrocenylene group | DST -YS | Srivastava,V.K.,Dr.<br>Department of Chemistry<br>Gorakhpur University<br>Gorakhpur-273009, Uttar Pradesh | 2.51 | 24 |
| 678 | Intelligent database for the characteristics of metal ions in biota | DST -YS | Rao,N.,Dr.<br>Department of Inorganic & Analytical Chemistry<br>Andhra University<br>Visakhapatnam-530003, Andhra Pradesh | 1.26 | 24 |
| 679 | Preparation of silicon aluminium oxy-nitride (SiAlON) polytype powders using silica from rice husk | DST -YS | James,J.,Dr.<br>MTP Division<br>National Metallurgical Laboratory<br>Jamshedpur-831007, Bihar | 1.35 | 24 |
| 680 | Contribution of formate and acetate to the chemistry of wet and dry deposition in Agra | DST -YS | Kumar,M.,Dr.<br>Department of Chemistry<br>Dayalbagh Educational Institute<br>Dayalbagh<br>Agra-282005, Uttar Pradesh | 1.84 | 24 |
| 681 | Preparation of organoneodymium reagents and their applications in carbonyl addition reactions | DST -YS | Varma,R.L.,Dr.<br>Beach Sand Mineral Research Unit<br>Regional Research Laboratory,<br>Thiruvananthapuram<br>Thiruvananthapuram-695019, Kerala | 2.00 | 24 |
| 682 | Experimental studies on the effects of eluoride rich irrigation water on the growth and uptake of fluoride by some crop plants using soil and sand culture | DST -YS | Srivastava,S.,Dr.<br>Department of Chemistry<br>Dayalbagh Educational Institute<br>Dayalbagh<br>Agra-282005, Uttar Pradesh | 1.68 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 683 | Synthetic and mechanistic studies of alkylation of pyridines over zeolites | DST -YS | Kameshwari,U.,Dr.<br>Department of Chemistry<br>Indian Institute of Technology, Madras<br>Madras-600036, Tamil Nadu | 2.34 | 24 |
| 684 | Theoretical and computational aspects of condensed phase chemical dynamics: applications to molecular surface reactions | DST -YS | Chakravorty,C.,Dr.<br>Department of Physics<br>Indian Institute of Technology, Delhi<br>New Delhi-110016, Delhi | 3.25 | 24 |
| 685 | Study of kinetics of chemical reactions in microemulsions | UGC -MJRP | Rakshit,A.K.,Dr.<br>Department of Chemistry<br>M.S. University of Baroda<br>Vadodara<br>Baroda-390002, Gujarat | 4.86 | 36 |
| 686 | Growth perfection and characterisation of TGC-TGP mixed crystal and triglycine polybdate single crystal | UGC -MJRP | Subramanian,C.,Dr.<br>Department of Chemistry<br>Anna University<br>Guindy Campus<br>Madras-600025, Tamil Nadu | 1.56 | 36 |
| 687 | Ion solvent interaction of some electrolytes | UGC -MJRP | Das,P.B.,Prof.<br>Department of Chemistry<br>Ravenshaw College<br>Cuttack-753003, Orissa | 1.33 | 36 |
| 688 | Studies on nitrosourea derivatives of 2, 3 dihydro-1,4-benzothiazinesas potent anticancer agents : development of a new class of bifunctional anticancer agents | UGC -MJRP | Gupta,R.R.,Dr.<br>Department of Chemistry<br>Rajasthan University<br>Jaipur-302004, Rajasthan | 2.15 | 36 |
| 689 | Dynamic molecular processes in nonrigid metal chelate complexes of MO-3 S-2 core | UGC -MJRP | Gupta,V.D.,Dr.<br>Department of Chemistry<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 1.88 | 36 |
| 690 | Synthesis and transformation of 1,3 oxazinones and related compounds | UGC -MJRP | Singh,H.,Dr.<br>Department of Chemistry<br>Guru Nanak Dev University<br>Amritsar-143005, Punjab | 1.88 | 36 |
| 691 | Synthesis and properties of liquid crystalline copolesters containing O,O` biphenylene moiety and flexible spacers | UGC -MJRP | Kannappan,V.,Dr.<br>Department of Chemistry<br>Presidency College, Madras<br>Madras-600005, Tamil Nadu | 1.61 | 36 |
| 692 | Development of flow injection analysis procedure for monitoring iodine, and sili con in Chhatishgarh basin's water | UGC -MJRP | Patel,K.S.,Dr.<br>Department of Chemistry<br>Pt. Ravishankar Shukla University<br>Raipur-492010, Madhya Pradesh | 1.46 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 693 | Single ion energetics structures and hydrophobic hydration in aqueous ionic and non-ionic cosolvent systems | UGC -MJRP | Kundu,K.K.,Dr.<br>Department of Chemistry<br>Jadavpur University<br>Calcutta-700032, West Bengal | 1.76 | 36 |
| 694 | Polymer anchored schiff bases and crown-ethers as chelating resins for metal ion seperation | UGC -MJRP | Lonikar,S.V.,Dr.<br>Department of Chemistry<br>Shivaji University<br>Centre for P.G. Studies<br>Solapur-413003, Maharashtra | 3.46 | 36 |
| 695 | New organotin(IV) derivatives of amino acids and oligopeptides : synthesis, characterization, x-ray structural analaysis and in vitro antitumour activity | UGC -MJRP | Nath,M.,Dr.<br>Department of Chemistry<br>Roorkee University<br>Roorkee-247667, Uttar Pradesh | 2.54 | 36 |
| 696 | A new rout to novel beta lactam antibiotics | UGC -MJRP | Kidwai,M.,Dr.<br>Department of Chemistry<br>Delhi University<br>Delhi-110007, Delhi | 2.66 | 36 |
| 697 | Physicochemical characteristics and industrial applications of some transition metal ( zirconium, niobium and molybdenum) soaps | UGC -MJRP | Mehrotra,,Dr.<br>Department of Chemistry<br>Agra University<br>Kahandari<br>Agra-282004, Uttar Pradesh | 1.16 | 36 |
| 698 | Chemical effects of nuclear transformation in some .... metal complexes under (N, R) process | UGC -MJRP | Mishra,S.P.,Dr.<br>Department of Chemistry<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 3.11 | 36 |
| 699 | Photosensitized oxidation of DNA and its constitutents | UGC -MJRP | Murthy,C.P.,Dr.<br>Department of Chemistry<br>P.G. College of Science<br>Saifabad<br>Hyderabad-505468, Andhra Pradesh | 1.61 | 36 |
| 700 | Structural chemistry of molecular electronic materials | UGC -MJRP | Singh,R.A.,Dr.<br>Department of Chemistry<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 1.46 | 36 |
| 701 | Effect of sodium sulphodimethyl pyrimidine on hapatic microsomal drug metabolizing system haptotoxicity in chickens | UGC -MJRP | Govindwar,S.P.,Dr.<br>Department of Chemistry<br>Shivaji University<br>Kolhapur-416004, Maharashtra | 1.94 | 36 |
| 702 | Inter ligan interaction in mixed ligand complexes | UGC -MJRP | Saxena,M.C.,Prof.<br>Department of Chemistry<br>Dr. Harisingh Gour Vishwavidyalaya<br>Sagar-470003, Madhya Pradesh | 4.16 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 703 | Some physicochemical studies on organomtallic moities | UGC -MJRP | Saxena,S.B.,Dr.<br>Department of Chemistry<br>Jiwaji University<br>Gwalior-474001, Madhya Pradesh | 3.26 | 36 |
| 704 | Chelating polymers and related support for seperation/preconcentration of toxic and trace metals in environmental samples | UGC -MJRP | Sharma,R.K.,Dr.<br>Department of Chemistry<br>Delhi University<br>Delhi-110007, Delhi | 2.70 | 36 |
| 705 | Development of biomidical polymers through grafting of vinyl monomers on to poly/vinyl alcohol | UGC -MJRP | Singh,B.C.,Dr.<br>Department of Chemistry<br>Utkal University<br>Bhubaneswar-751004, Orissa | 2.06 | 36 |
| 706 | Heat resistant polymeric resin from renewable resources : synthesis and characterization of heat resistant polymers from cashew nut shell liquid (CNSL) | UGC -MJRP | Lenka,S.,Dr.<br>Department of Chemistry<br>Ravenshaw College<br>Cuttack-753003, Orissa | 2.16 | 36 |
| 707 | Studies of environmental pollution in Godavari river | UGC -MJRP | Sundaram,E.V.,Dr.<br>Department of Chemistry<br>Kakatiya University<br>Warangal-506009, Andhra Pradesh | 2.44 | 36 |
| 708 | Extracting chromatographic studies of metals | UGC -MJRP | Roy,U.S.,Dr.<br>Department of Chemistry<br>Visva Bharati<br>Santiniketan-731235, West Bengal | 1.56 | 36 |
| 709 | Chemistry of polynuclear and isomeric un usual coordination and spin crossover co mplexes with polydentate ketoanils | UGC -MJRP | Upadhyay,R.K.,Dr.<br>Department of Chemistry<br>N.R.E.C. College<br>Khurja-203131, Uttar Pradesh | 2.06 | 36 |
| 710 | Examination of Indian medicinal plants as a source of new anthelmintic drugs | UGC -MJRP | Varma,R.S.,Dr.<br>Department of Chemistry<br>Lucknow University<br>Lucknow-226007, Uttar Pradesh | 1.81 | 36 |
| 711 | Synthetic structural and ion exchange studies of some hybrid inorganic ion exchange materials useful in environmental analysis | UGC -MJRP | Varshney,K.G.,Dr.<br>Department of Chemistry<br>Aligarh Muslim University<br>Aligarh-202002, Uttar Pradesh | 1.86 | 36 |
| 712 | Ion solvent interaction studies of some electrolytes in mixed dipolar aprotic solvents using transport property techniques | UGC -MJRP | Syal,V.K.,Dr.<br>Department of Chemistry<br>Himachal Pradesh University<br>Shimla-171005, Himachal Pradesh | 2.24 | 36 |

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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 713 | Polarographic limiting current in context of progressive metal ligand interaction | UGC -MJRP | Yadava,K.L.,Prof.<br>Department of Chemistry<br>Allahabad University<br>Allahabad-211002, Uttar Pradesh | 2.81 | 36 |
| 714 | Synthetic study of some unusual bioactive nucleoside nucleotides and related compounds of biotechnological significance | UGC -MJRP | Yadava,V.S.,Dr.<br>Department of Chemistry<br>Allahabad University<br>Allahabad-211002, Uttar Pradesh | 1.31 | 36 |
| 715 | Soil pollution through industrial effluents & its preventation | UGC -MJRP | Bhatnagar,R.R.,Dr.<br>Department of Chemistry<br>Christ Church College<br>Kanpur-208001, Uttar Pradesh | 2.36 | 36 |
| 716 | An archaeological chemical study of ancient Indian coins | UGC -MJRP | Chakravarthy,B.,Dr.<br>Department of Chemistry<br>Kalyani University<br>Kalyani-741235, West Bengal | 1.45 | 36 |
| 717 | Polymerization of lactams | UGC -MNRP | Abdul Ghayun,P.A.,Shri.<br>Department of Chemistry<br>C. Abdul Fakeem College<br>North Arcot District<br>Melvishram-632509, Tamil Nadu | 0.11 | 24 |
| 718 | Some contribution to the chemistry of nitrogen and sulphur containing heterocycles | UGC -MNRP | D' Souza,A.,Shri<br>Department of Chemistry<br>St. Philomena's College<br>Mysore-570001, Karnataka | 0.20 | 24 |
| 719 | Synthesis of bioactive indend (2,1,C) quinolines | UGC -MNRP | Pandey,A.,Mrs.<br>Department of Chemistry<br>Government Girls (PG) College, Bilaspur<br>Bilaspur-495001, Madhya Pradesh | 0.25 | 24 |
| 720 | Studies on synthesis, structural characterisation and reactivity of heterocyclic compounds of biological importance | UGC -MNRP | Balakrishnan,V.,Shri<br>Department of Chemistry<br>Government Arts College, Karur<br>Karur-639001, Tamil Nadu | 0.11 | 24 |
| 721 | Energetics of 2 methyl resorcinol and resorcinol form maldehyde reactions in different media | UGC -MNRP | Jassal,D.S.,Dr.<br>Department of Chemistry<br>Sri Guru Tej Bahadur Khalsa College<br>Delhi University Campus<br>Delhi-110007, Delhi | 0.18 | 24 |
| 722 | Experiments in oxygen hetrocycles : coumarins and related compounds | UGC -MNRP | Gharde,A.D,Shri<br>Department of Chemistry<br>N.A.A.C.S.M.H.W. Science College<br>Nagpur-440002, Maharashtra | 0.11 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 723 | Role of alkali metal cations in organic synthesis : chalcone flavanone system | UGC -MNRP | Reddy,J.N.,Dr.<br>Department of Chemistry<br>R.V.R. & J.C. OP College of Engineering<br>Chowdavaram<br>Guntur-522001, Andhra Pradesh | 0.14 | 24 |
| 724 | Synthesis and charactersation of alkaline earth metal compounds with biological ligands | UGC -MNRP | Singh,J.R.P.,Shri<br>Department of Chemistry<br>Ramakrishna Dwarika College<br>Bodh Gaya-824231, Bihar | 0.18 | 24 |
| 725 | Cross linked polymer dithio carbamates as solid - phase complexing reagents for selective metal ion seperation | UGC -MNRP | John,J.,Shri<br>Department of Chemistry<br>Sacred Heart College<br>Kottayam-686001, Kerala | 0.16 | 24 |
| 726 | Bromination and oxidation by N bromo compounds | UGC -MNRP | Augustine,J.,Mrs.<br>Department of Chemistry<br>Madras Christian College<br>Tambaram<br>Madras-600059, Tamil Nadu | 0.25 | 24 |
| 727 | Synthesis and characterisation of chelating agents for U(IV) ion | UGC -MNRP | Gudasi,K.B.,Shri<br>Department of Chemistry<br>Basaveshwar Science College<br>Bagalkot-587101, Karnataka | 0.10 | 24 |
| 728 | Syntheis of 3-formylosocoumarins and some well known reactions on them | UGC -MNRP | Prasad,K.,Shri<br>Department of Chemistry<br>T.N.B. College<br>Bhagalpur-812001, Bihar | 0.15 | 24 |
| 729 | Synthesis of quinazoline derivatives as biologically active compounds | UGC -MNRP | Kamath,S.V.,Dr.<br>Department of Chemistry<br>Dr. A.V. Baliga College<br>Kumta-581343, Karnataka | 0.18 | 24 |
| 730 | Study on the oxidation reactions using ploymer bound chromium (VI) oxide | UGC -MNRP | Shidram,K.A.,Shri<br>Department of Chemistry<br>R.P.G. College of Arts & Science<br>Ratnagiri-415612, Maharashtra | 0.18 | 24 |
| 731 | Studies on metal complexes of some block elements with multidenate ligands | UGC -MNRP | Sahdo,K.L.,Shri<br>Department of Chemistry<br>G.M. College<br>Sambalpur-768001, Orissa | 0.23 | 24 |
| 732 | Metal drug interactions : synthesis, structural characterisation and reactivity of metal complexes of some drugs | UGC -MNRP | Kannan,Shri<br>Department of Chemistry<br>Government Arts College, Karur<br>Karur-639001, Tamil Nadu | 0.22 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 733 | Chemical investigation of natural food items of Arunachal Pradesh (with special reference to clerodendron colebrookiarum) | UGC -MNRP | Kohli,Y.P.,Shri<br>Department of Chemistry<br>Jawaharlal Nehru College<br>Pasighat-791102, Arunachal Pradesh | 0.10 | 24 |
| 734 | Mechanism of oxidation of semicarbazide and charbohudrazide by N chloroanilides | UGC -MNRP | Kulanthaipandi,P.,Shri<br>Department of Chemistry<br>Sri K.G.S. Arts College<br>Shrivaikuntam-628601, Tamil Nadu | 0.16 | 24 |
| 735 | Synthesis studies on uracil derivatives as anti cancer agents | UGC -MNRP | Choudhuri,L.N.,Shri<br>Department of Chemistry<br>Berhampur Girls College<br>Berhampur-760001, Orissa | 0.16 | 24 |
| 736 | Synthesis of oil modified resin | UGC -MNRP | Madhawrao,M.V.,Shri<br>Department of Chemistry<br>V.P. & R.P.T.P. Science College<br>Vallabh Vidyanagar-388120, Gujarat | 0.15 | 24 |
| 737 | Sulphenyl bromides of orthomercapto azo compounds as analytical reagents for quantitation of tryptophane and cysteine residues in polypeptides and proteins | UGC -MNRP | Ganguly,M.,Ms.<br>Department of Chemistry<br>North Gauhati College<br>Guwahati-781001, Assam | 0.15 | 24 |
| 738 | Coordination complexes of molybdenum with polythiocarbamates and amino acids | UGC -MNRP | Mohandass,K.,Shri<br>Department of Chemistry<br>Madras Christian College<br>Tambaram<br>Madras-600059, Tamil Nadu | 0.18 | 24 |
| 739 | Isolation identification and synthetic studies of some compounds derived from Indian medical plants | UGC -MNRP | Nagarajan,S.,Dr.<br>Department of Chemistry<br>Sri Ramasamy Naidu Memorial College<br>Sattur-626203, Tamil Nadu | 0.19 | 24 |
| 740 | Studies on organic reagents for spectrophotometric and chelatometric dertermination of metals | UGC -MNRP | Shetty,A.N.,Dr.<br>Department of Chemistry<br>Karnataka Regional Engineering College<br>Srinivasnagar<br>Surathkal-574157, Karnataka | 0.10 | 24 |
| 741 | Organic solid state transformations | UGC -MNRP | Ponnuswamy,S.,Shri<br>Department of Chemistry<br>Sri Paramakalyani College<br>Alwarkurichi-627412, Tamil Nadu | 0.16 | 24 |
| 742 | Conformation of chain molecules in dilute solutions | UGC -MNRP | Mathew,R.,Shri<br>Department of Chemistry<br>C.M.S. College<br>Kottayam-686001, Kerala | 0.17 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 743 | Chemistry of botanical pesticides isolation, characterisation and pesticidal activity of some new allelo chemicals | UGC -MNRP | Prasad,Y.R.,Dr.<br>Department of Chemistry<br>Government College, Rajamundry<br>Rajamundry-533101, Andhra Pradesh | 0.10 | 24 |
| 744 | Mixed ligand complex formation by thorium (IV) uranium (VI) | UGC -MNRP | Nayan,R.,Dr.<br>Department of Chemistry<br>Hindu College, Moradabad<br>Moradabad-244001, Uttar Pradesh | 0.20 | 24 |
| 745 | Studies on rearrangement reaction of some cyclic ketones | UGC -MNRP | Singh,R.P.,Shri<br>Department of Chemistry<br>Marwari College<br>Bhagalpur-812001, Bihar | 0.20 | 24 |
| 746 | Studies on some metal dimethyl dithiocarbamate ion slective electrode and their application for analytical determinations | UGC -MNRP | Chaturvedi,R.N.,Shri<br>Department of Chemistry<br>Saraswati-(PG) College<br>Hathras-204101, Uttar Pradesh | 0.23 | 24 |
| 747 | Structural studies on some langhanide (lanthanum, terbium and ytterbium) soaps | UGC -MNRP | Rawat,M.K.,Dr.<br>Department of Chemistry<br>Agra College<br>Agra-282001, Uttar Pradesh | 0.18 | 24 |
| 748 | Environmental analysis of water from meghal tiger project area (M.S.) | UGC -MNRP | Rohankar,P.G.,Shri<br>Department of Chemistry<br>Jagdamba Mahavidyalaya<br>Achallpur<br>Amravati-444602, Maharashtra | 0.24 | 24 |
| 749 | Studies in the synthesis and structure of tndenones | UGC -MNRP | Jabbar,S.F.,Shri<br>Department of Chemistry<br>Dr. Ambedkar College<br>Nagpur-440001, Maharashtra | 0.18 | 24 |
| 750 | Grafting of vinyl monomers onto sisal fibres | UGC -MNRP | Sahu,S.,Shri<br>Department of Chemistry<br>Salipur College<br>Salipur-754202, Orissa | 0.10 | 24 |
| 751 | Studies on micelles in water and quo-organic mixtures | UGC -MNRP | Bhowmik,S.,Dr.<br>Department of Chemistry<br>D.K. College<br>Purulia-723001, West Bengal | 0.21 | 24 |
| 752 | Interaction of agricultural organic chemicals with soils and crops | UGC -MNRP | Khan,S.,Dr.<br>Department of Chemistry<br>Aligarh Muslim University<br>Z.H. College of Engineering & Technology<br>Aligarh-202002, Uttar Pradesh | 0.20 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 753 | Synthesis and characterization of certain random copolysters | UGC -MNRP | Sathyamoorthi,P.,Shri<br>Department of Chemistry<br>Dr. Ambedkar Government Arts College<br>Vyasarpadi<br>Madras, Tamil Nadu | 0.16 | 24 |
| 754 | Synthesis of biologically active glycidic esters and aldehydes and their characterisation | UGC -MNRP | Selvaraj,K.,Dr.<br>Department of Chemistry<br>P.S.G. College of Arts and Science<br>Coimbatore-641001, Tamil Nadu | 0.20 | 24 |
| 755 | Physiochemical study of mixellisand complexes of certain anti biotics (ampicillin and amoxycillin) | UGC -MNRP | Kamle,S.,Mrs.<br>Department of Chemistry<br>Motilal Vigyan Adarsh Mahavidyalaya<br>Bhopal-462001, Madhya Pradesh | 0.10 | 24 |
| 756 | A study of structure act REL in some psychedelic drugs | UGC -MNRP | Sharma,K.K.,Dr.<br>Department of Chemistry<br>Zakir Husain College<br>Delhi-110006, Delhi | 0.21 | 24 |
| 757 | Normal phase thin layer chromatography and thin layer ionophoresis of metal ions and anions on silica gel-g layers | UGC -MNRP | Sharma,S.D.,Dr.<br>Department of Chemistry<br>Hindu College, Moradabad<br>Moradabad-244001, Uttar Pradesh | 0.20 | 24 |
| 758 | Synthesis of new steriodal heterocyclics and chemical investigation of medicinal plants | UGC -MNRP | Reddy,K.S.,Shri<br>Department of Chemistry<br>A.B.V. Degree College<br>Jangaon<br>Warangal-506002, Andhra Pradesh | 0.11 | 24 |
| 759 | Synthesis of neurotensin analogues on hydrophilic polymeric supports | UGC -MNRP | Subashchandran,K.P.,Shri<br>Department of Chemistry<br>Sri Vyasa N.S.S. College<br>Kozhikode-673001, Kerala | 0.22 | 24 |
| 760 | Synthesis of photoresist polymers | UGC -MNRP | Subramanian,K.,Shri<br>Department of Chemistry<br>Anna University<br>College of Engineering, Guindy Campus<br>Madras-600025, Tamil Nadu | 0.17 | 24 |
| 761 | Studies on organic semi and super conducting materials : synthesis of strong organic electron donors and formation of charge transfer salts with acceptors | UGC -MNRP | Bhattacharyya,S.,Dr.<br>Department of Chemistry<br>J.R. College<br>Calcutta, West Bengal | 0.20 | 24 |
| 762 | Synthesis and characterisation of some mides and bisimides as their polymers and copolymers | UGC -MNRP | Chakraborty,S.,Shri<br>Department of Chemistry<br>Tinsukia College<br>Dibrugarh-786001, Assam | 0.15 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 763 | Development of new synthetic methods of N substituted hydroxamic acids | UGC -MNRP | Rajput,S.K.,Dr.<br>Department of Chemistry<br>Government Model Science College, Raipur<br>Raipur-492002, Madhya Pradesh | 0.20 | 24 |
| 764 | Synthesis and structural aspects of coordination compounds of some transition metals with vanillin schiff bases as primary and azo dyes as secondary ligands | UGC -MNRP | Agarwal,S.K.,Dr.<br>Department of Chemistry<br>Lajpat Rai (PG) College<br>Sahibabad-201005, Uttar Pradesh | 0.18 | 24 |
| 765 | Kinetic studies on thermal decomposition reactions of some oxalates | UGC -MNRP | Suryanarayan,M.P.,Shri<br>Department of Chemistry<br>Government Victoria College<br>Palakkad-678001, Kerala | 0.18 | 24 |
| 766 | Chemical and biological investigation of the medicinal plants of Assam bearing antimalarial activity | UGC -MNRP | Syed,S.Z.,Shri<br>Department of Chemistry<br>Sibsagar College<br>Joynagar-785665, Assam | 0.18 | 24 |
| 767 | Synthesis and characterisation of thermo tropic random co-polymesterscontaining anthraquinone moiety | UGC -MNRP | Thananjayan,M.D.,Shri<br>Department of Chemistry<br>Muthurangam Government Arts College<br>North Arcot District<br>Vellore-632001, Tamil Nadu | 0.20 | 24 |
| 768 | B-sulphonyl nitrones as synthons for the synthesis of heterocycles | UGC -MNRP | Valli,G.,Mrs.<br>Department of Chemistry<br>S.F.R. College<br>Sivakasi-626123, Tamil Nadu | 0.12 | 24 |



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# BROAD SUBJECT AREA : EARTH SCIENCES

| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 769 | Preparation of geochemical atlas of the western continental margin of India | CSIR-ES | Murthy,P.S.N.,Shri<br>ALTINHO, A/3, Karmali Building<br>Panaji-403001, Goa | 3.40 | 36 |
| 770 | Preparation of a text book on exploration and assessment of ground water resources | CSIR-ES | Singhal,B.B.S.,Dr.<br>Department of Earth Sciences<br>Roorkee University<br>Roorkee-247667, Uttar Pradesh | 1.10 | 36 |
| 771 | Absorption and catalytic studies of the modified Indian clays | CSIR-ES | Pandya,V.P.,Dr.<br>34, Varsha Society, Subhashnagar<br>Bhavnagar-364001, Gujarat | 3.40 | 36 |
| 772 | Monograph on precambrian basalt magmatism of the Indian shield | CSIR-ES | Bose,M.K.,Dr.<br>Department of Geology<br>Presidency College, Calcutta<br>Calcutta-700073, West Bengal | 3.40 | 36 |
| 773 | Biogeochemical cycling of some greenhouse and climatically important gases in the northern Indian ocean | CSIR-ES | Sengupta,R.,Dr.<br>National Institute of Oceanography<br>Dona Paula-403004,Goa | 3.40 | 36 |
| 774 | Studies relating to the dynamics of the earth's crust and phenomena associated with its deformation | CSIR-ES | Guptasarma,D.,Shri<br>National Geophysical Research Institute<br>Hyderabad-500007,Andhra Pradesh | 2.64 | 36 |
| 775 | Pressure-temperature path and fluid acti vity changes across the amphibolite-gran ulite transition in Goalpara district, Assam | CSIR-EXTRM | Mazumdar,A.C.,Dr.<br>Department of Geological Sciences<br>Gauhati University<br>Guwahati-781014, Assam | 3.98 | 36 |
| 776 | Geochemical characteristics of the Dongargarh volcanics and related intrusives and its implications for the crust mantle process : perspectives from relict clinopyroxene chemistry | CSIR-EXTRM | Asthana,D.,Dr.<br>Department of Applied Geology<br>Indian School of Mines<br>Dhanbad-826004, Bihar | 4.58 | 36 |
| 777 | Theoretical seismology-wave propagation studies in more realistic earth model, regional travel time for the Indian subcontinant and inferred structure of the earth | CSIR-EXTRM | Gogna,M.L.,Dr.<br>Department of Mathematics<br>Kurukshetra University<br>Kurukshetra-132119, Haryana | 5.38 | 36 |
| 778 | Heavy metals and U-Th nuclides of Dakshina Kannada District (Karnataka) and their fate in the Arabian Sea | DAE -BRNS | Shankar,R.,Dr.<br>Department of Marine Geology<br>Mangalore University<br>Mangalore-574199, Karnataka | 3.97 | 36 |



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BROAD SUBJECT AREA : EARTH SCIENCES

| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 779 | Numerical modelling of salinity intrusion in Hooghly estuary | DOD -MRDF | Sinha,P.C.,Dr.<br>Centre for Atmospheric Sciences<br>Indian Institute of Technology, Delhi<br>New Delhi-110016, Delhi | 14.22 | 36 |
| 780 | Studies of the bay of Bengal crust | DOD -SBBC | Banerjee,P.K.,Prof.<br>School of Oceanography<br>Jadavpur University<br>Calcutta-700032, West Bengal | 123.60 | 36 |
| 781 | Identification of the land slide prone areas using remote sensing technology | DOEN-NNRMS | Seethapathi,P.V.,Dr.<br>National Institute of Hydrology<br>Roorkee-247667,Uttar Pradesh | 5.00 | 36 |
| 782 | Perception of drought and the adoption of central strategy in the Jhanbua region, Madhya Pradesh | DOEN-R&D | Joshi,Y.G.,Prof.<br>National Institute of Social Science<br>54 Anand Nagar, Chitawad<br>Indore-452001, Madhya Pradesh | 2.75 | 36 |
| 783 | Assessment and evaluation of impact of environmental pollution on tribal population in the mineral activity of TSP (Tribal Subplan) region of Rajasthan | DOEN-R&D | Vaish,P.,Dr.<br>SARITA Society<br>Udaipur-313001,Rajasthan | 1.60 | 36 |
| 784 | Coal mining and environmental degradation in Meghalaya | DOEN-R&D | Rai,R.K.,Prof.<br>Department of Geography<br>North Eastern Hill University<br>Shillong-793001, Meghalaya | 9.73 | 36 |
| 785 | Ecological resilience in the fragmented habitats of eastern ghats with special reference to land use and human activities | DOEN-R&D | Kameswara,K.,Dr.<br>Department of Environmental Sciences<br>Andhra University<br>Visakhapatnam-530003, Andhra Pradesh | 2.18 | 36 |
| 786 | Tectonostratigraphical and petrochemical studies of the precambrian rocks occuring between Ajmer-Bundi sector, Rajasthan a geological input along DSS profile line | DST -DCS | Roy,A.B.,Prof.<br>Department of Geology<br>M.L. Sukhadia University<br>Udaipur-313001, Rajasthan | 4.49 | 36 |
| 787 | Deep continental studies through geoelectromagnetism | DST -DCS | Singh,B.P.,Dr.<br>Indian Institute of Geomagnetism<br>Colaba<br>Bombay-400005, Maharashtra | 7.59 | 36 |
| 788 | Deep continental studies along Nagaur-Jhalawar geotraverse across Aravalli using high resolution gravity magnetic data along the DSS profile | DST -DCS | Mishra,D.C.,Dr.<br>National Geophysical Research Institute<br>Hyderabad-500007,Andhra Pradesh | 1.10 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 789 | Digital telemetered seismic array in Ganga-Yamuna valley for monitoring of local seismicity | DST -HSP | Kumar,A.,Dr.<br>Department of Earthquake Engineering<br>Roorkee University<br>Roorkee-247667, Uttar Pradesh | 20.60 | 36 |
| 790 | Paleoseismicity : geological evidence along the Kaurik change fault zone and other related areas in Lahaul-Spiti and Ladakh Himalaya | DST -HSP | Jain,A.K.,Dr.<br>Roorkee University<br>Roorkee-247667,Uttar Pradesh | 12.02 | 36 |
| 791 | Present seismic status and earth quake process models of Garhwal Himalaya | DST -HSP | Wason,H.R.,Dr.<br>Department of Earth Sciences<br>Roorkee University<br>Roorkee-247667, Uttar Pradesh | 18.42 | 36 |
| 792 | Prediction of relative ground response by estimating seismic velocities and Q structure and geotechnical parameters of upper 1000M of Ganga foredeep in and around the slump belt of Bihar Nepal earth quake of 1934 | DST -HSP | Saha,J.G.,Shri.<br>Oil and Natural Gas Commission<br>Dehradun-248001,Uttar Pradesh | 3.40 | 36 |
| 793 | Kinematic analysis and p-T conditions during the evolution of the North Almora Shear zone in the Someshwar-Binsar sector | DST -SERC | Joshi,M.,Dr.<br>Department of Geology<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 12.75 | 36 |
| 794 | Deep crustal fluids and their role in granulite genesis : an investigation in parts of Karnataka and Tamil Nadu | DST -SERC | Srikantappa,C.,Dr.<br>Department of Geology<br>Mysore University<br>Manasagangotri<br>Mysore-570006, Karnataka | 5.83 | 36 |
| 795 | Holocene palynostratiography and palaeo-environment of Chilka Lake : an interdisciplinary approach | DST -SERC | Gupta,H.P.,Dr.<br>Birbal Sahani Institute of Palaeobotany<br>35 University Road<br>Lucknow-226007, Uttar Pradesh | 6.34 | 36 |
| 796 | Geochemistry of phosphorite deposit of Cuddapah basin : its genetic implications | DST -SERC | Rao,V.V.N.,Dr.<br>Department of Geology<br>Andhra University<br>Visakhapatnam-530003, Andhra Pradesh | 2.39 | 36 |
| 797 | Some theoretical investigations with the CSAMT technique | DST -SERC | Rao,I.B.R.,Prof.<br>Department of Exploration Geophysics<br>Osmania University<br>Hyderabad-500007, Andhra Pradesh | 0.90 | 36 |
| 798 | All India coordinated programme on equatorial electrojet | DST -SERC | Arora,B.R.,Dr.<br>Indian Institute of Geomagnetism<br>Colaba<br>Bombay-400005, Maharashtra | 4.38 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 799 | Geochemical flow stratigraphy and age of basalts from eastern deccanvolcanic province, India | DST -SERC | Srivastava,J.P.,Dr.<br>Department of Geology<br>Delhi University<br>Delhi-110007, Delhi | 3.49 | 36 |
| 800 | Fatigue and strain hardening behaviour of selected rocks | DST -SERC | Singh,S.K.,Dr.<br>Department of Geology<br>Delhi University<br>New Delhi-110007, Delhi | 3.95 | 36 |
| 801 | Late pleistocene loess and loessic silts in India : their genesis and climatic significance | DST -SERC | Kaul,K.,Dr.<br>Department of Archaeology<br>Decan College<br>Pune-411006, Maharashtra | 3.25 | 36 |
| 802 | Tectonics of the Nallamalai fold belt | DST -SERC | Matin,A.,Dr.<br>Department of Geology<br>Asutosh College<br>92, S.P. Mukherjee Marg<br>Calcutta-700086, West Bengal | 5.25 | 36 |
| 803 | Petrology, geochemistry and fluid inclusion studies of pelites from the areas around Kollegal, Gundlupet and Chamraj anagar of southern Karnataka | DST -SERC | Swamy,N.S.,Dr.<br>Department of Geology<br>Bangalore University<br>Bangalore-560056, Karnataka | 1.94 | 36 |
| 804 | Palaeomagnetism and geochemistry of the mafic dyke swarms in Karnataka and adjoining cratonic areas | DST -SERC | Radhakrishna,T.,Dr.<br>Centre for Earth Sciences Studies<br>Thiruvananthapuram-695031,Kerala | 5.25 | 36 |
| 805 | Investigation of flows with buoyancy change | DST -SERC | Narasimha,R.,Prof.<br>Department of Atmospheric Sciences<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 21.55 | 36 |
| 806 | Concepts and techniques for understanding the climate and its future change over India due to global warming | DST -SERC | Lal,M.,Dr.<br>Department of Atmospheric Sciences<br>Indian Institute of Technology, Delhi<br>New Delhi-110016, Delhi | 1.57 | 36 |
| 807 | Phosphogenic events through proterozoic and cambrian with special reference to P C-C boundary | DST -SERC | Banerjee,D.,Dr.<br>Department of Geology<br>Delhi University<br>Delhi-110007, Delhi | 7.90 | 36 |
| 808 | Integrated gravity and magnetic modelling studies for delineating mesozoic sediments underlying the deccan traps for oil exploration | DST -SERC | Rao,C.V.,Dr.<br>Department of Geophysics<br>Andhra University<br>Visakhapatnam-530003, Andhra Pradesh | 3.39 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 809 | Monitoring of soil moisture through the analysis of ERS-1 SAR data | DST -SERC | Rao,K.S.,Dr.<br>Centre of Studies in Resource Engineering<br>Indian Institute of Technology, Bombay<br>Powai<br>Bombay-400076, Maharashtra | 3.69 | 25 |
| 810 | Mossbauer spectroscopic study of the chemical state of the iron in mesozoic and cenozoic sediments of some petroliferous basins of India | DST -SERC | Tripathi,R.P.,Dr.<br>Department of Physics<br>Jai Narain Vyas University<br>Jodhpur-342001, Rajasthan | 6.49 | 36 |
| 811 | Model studies of elastic wave propagation ..... application for oil industry | DST -SERC | Babu,L.A.,Dr.<br>Department of Mathematics<br>Osmania University<br>Hyderabad-500007, Andhra Pradesh | 7.35 | 36 |
| 812 | Atmospheric dispersion studies in tropical environment | DST -SERC | Mohan,M.,Dr.<br>Centre for Atmospheric Science<br>Indian Institute of Technology, Delhi<br>New Delhi-110016, Delhi | 4.94 | 36 |
| 813 | A study of dynamics of tropical coupled ocean atmosphere systems | DST -SERC | Goswami,B.N.,Dr.<br>Centre for Atmospheric Science<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 5.03 | 36 |
| 814 | Coastal geomorphology of Dakshin Kannada district., west coast of India | DST -SERCYS | Jayappa,K.S.,Dr.<br>Department of Marine Geology<br>Mangalore University<br>Mangalore-574199, Karnataka | 1.80 | 24 |
| 815 | Studies on the dynamics of Godavari estuary in relation to resource management, flood control and pollution control | DST -SERCYS | Rao,V.R.,Dr.<br>Department of Mateorology & Oceanography<br>Andhra University<br>Visakhapatnam-530003, Andhra Pradesh | 2.36 | 24 |
| 816 | Hydrological impact of deforestation - experimental study from Kumaun Himalayas | DST -SERCYS | Joshi,J.,Dr.<br>Department of Geography<br>Kumaun University<br>University Campus<br>Almora-263601, Uttar Pradesh | 1.10 | 24 |
| 817 | Genesis and characteristics of calcretes in the coastal sedimentary environments of Andhra Pradesh | DST -YS | Rao,B.K.,Dr.<br>Department of Geology<br>Andhra University<br>Visakhapatnam-530003, Andhra Pradesh | 0.97 | 24 |
| 818 | Investigations on the physico-chemical conditions of crystallization of Indian beryls | DST -YS | Sebastian,A.,Dr.<br>Centre for Earth Sciences Studies<br>Thiruvananthapuram-695031,Kerala | 1.73 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 819 | Petrological and geochemical characterization of the Ramagundam coal deposits of Pranhita-Godavari Valley, Andhra Pradesh | DST -YS | Singh,G.P.,Dr.<br>Department of Geology<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 2.06 | 24 |
| 820 | Palaeobiological and basinal evolution of parts of Kashmir and Spiti in lower palaeozoic times | DST -YS | Parcha,S.K.,Dr.<br>Department of Geology<br>Wadia Institute of Himalayan Geology<br>Dehradun-248001, Uttar Pradesh | 2.16 | 24 |
| 821 | Mesozoic foraminiferal biostratigraphy of Kutch and its palaeobiogeographical implications | DST -YS | Mandwal,N.,Dr.<br>Department of Geology<br>Lucknow University<br>Lucknow-226007, Uttar Pradesh | 3.04 | 24 |
| 822 | Structural and petrological studies on dyke swarms and other intrusive bodies of Saurashtra and Kutch, West India | DST -YS | Sant,D.A.,Dr.<br>Department of Geology<br>M.S. University of Baroda<br>Vadodara<br>Baroda-390002, Gujarat | 0.83 | 24 |
| 823 | Hydrologic cycle in forested and deforested watershed systems, central Himalaya, India | DST -YS | Rawat,M.S.,Dr.<br>Department of Geography<br>Kumaun University<br>Nainital-263002, Uttar Pradesh | 2.13 | 24 |
| 824 | Comparative spectral characterisation of lithologies from IRS and LANDSAT data-feasibility study in the Kaladgi basin | ISRO-RESPOND | Peshwa,V.V.,Dr.<br>Department of Geology<br>Poona University<br>Pune-411007, Maharashtra | 1.78 | 36 |
| 825 | Patterns of diseases and helath among the child population of the indian desert - a case study of Jodhpur city as sociogeographical interpretation | UGC -MJRP | Lal,B.,Dr.<br>Department of Geography<br>Jai Narain Vyas University<br>Jodhpur-342001, Rajasthan | 1.12 | 36 |
| 826 | Environment, society economy and demography of Buttera, a dying tribe of Garhwal Himalayas | UGC -MJRP | Bhatt,H.P.,Dr.<br>Department of Geography<br>Hemvati Nandan Bahuguna Garhwal University<br>University Campus<br>Tehri-246174, Uttar Pradesh | 1.22 | 36 |
| 827 | Problems and prospects of animal based industries in Karnataka | UGC -MJRP | Ranganath,K.,Dr.<br>Department of Geography<br>Mysore University<br>Manasagangotri<br>Mysore-570006, Karnataka | 1.20 | 36 |
| 828 | Graphite of eastern ghats with special reference to origin geochemistry and processing | UGC -MJRP | Rao,K.K.,Prof.<br>Department of Geology<br>Andhra University<br>Visakhapatnam-530003, Andhra Pradesh | 1.19 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 829 | Exploration for spinels and PGE concentration.....Sukinda, Orissa | UGC -MJRP | Kasipati,K.,Dr.<br>Department of Geology<br>Andhra University<br>Visakhapatnam-530003, Andhra Pradesh | 1.20 | 36 |
| 830 | Geochemical surveys to identify ore bearing potentials of granites from parts of Karimnagar and Hyderabad districts of Andhra Pradesh | UGC -MJRP | Prabakar,P.,Dr.<br>Department of Geology<br>Shivaji University<br>Kolhapur-416004, Maharashtra | 1.92 | 36 |
| 831 | Correlation of basalt flows in eastern part of Maharashtra | UGC -MNRP | Kulkarni,P.S.,Dr.<br>Department of Geology<br>Maulana Azad College<br>Aurangabad-431001, Maharashtra | 0.39 | 24 |
| 832 | Glacial and periglacial environments in the kumaon Garwal (U.P.) Himalaya | UGC -MNRP | Chattopadhyay,G.P.,Prof.<br>Department of Geography<br>Presidency College, Calcutta<br>Calcutta-700073, West Bengal | 0.33 | 24 |
| 833 | Spatial organisation of settlements in Sipjhar region of Darrang district, Assam | UGC -MNRP | Nath,J.C.,Shri<br>Department of Geography<br>Mangaldai College<br>Guwahati-781001, Assam | 0.20 | 24 |
| 834 | Dry farming in Dunal plain (Bagar) in western Haryana | UGC -MNRP | Lakhan,I.S.,Shri<br>Department of Geography<br>C.R.M. Jat College<br>Hisar-125001, Haryana | 0.38 | 24 |
| 835 | Effect of irrigation on arid zone ecology (a case study of Suratgarh Barnoh of I G canal) | UGC -MNRP | Sharma,L.N.,Dr.<br>Department of Geography<br>Vinodini (PG) College<br>Khetri-333503, Rajasthan | 0.30 | 24 |
| 836 | Urban landuse (greater Guwahati) residential attributes | UGC -MNRP | Kakati,M.,Mrs.<br>Department of Geography<br>B. Borooah College<br>Guwahati-788004, Assam | 0.20 | 24 |
| 837 | Spatial perspectives on the transformation of rural Punjab | UGC -MNRP | Singh,S.B.,Shri<br>Department of Geography<br>Shivalik College<br>Naya Nangal<br>Patiala-147001, Punjab | 0.40 | 24 |



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# BROAD SUBJECT AREA : ENGINEERING AND TECHNOLOGY

| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 838 | Prediction of carona noise on HVAC power line carrier communication channels | CBIP-RSOP | Chief Engineer(R&T),, Haryana State Electricity Board No.835, Main Kalka Road, NAC, Manimajra Chandigarh-160017, Chandigarh | 3.90 | 24 |
| 839 | Reliability modelling of generation system including unconventional energy sources | CBIP-RSOP | Chief Engineer(R&T),, Haryana State Electricity Board No.835, Main Kalka Road, NAC, Manimajra Chandigarh-160017, Chandigarh | 3.45 | 24 |
| 840 | Residual life assessment of auto/power transformers after their failures | CBIP-RSOP | Chief Engineer(R&D),, Tamil Nadu Electricity Board 5th floor, NPKRR Maaligai,800 Anna Salai Madras-600002, Tamil Nadu | 6.00 | 24 |
| 841 | Evaluation of harmonics level in distribution system due to usage of electronic equipment in industries | CBIP-RSOP | Director (Res.),, Karnataka Electricity Board K. R. Circle Bangalore-560001, Karnataka | 6.10 | 36 |
| 842 | Study of the life and failure of station batteries in grid substation - analysis of premature failure of batteries and its preventive measure | CBIP-RSOP | Director (Res.),, Karnataka Electricity Board K. R. Circle Bangalore-560001, Karnataka | 4.35 | 24 |
| 843 | Development of expert system for security analysis | CBIP-RSOP | Systems Specialist.,, CMC Ltd. Old Bombay Highway, Gachi Bowli Hyderabad-500133, Andhra Pradesh | 8.20 | 12 |
| 844 | Distribution load forecast | CBIP-RSOP | Chief Engineer(R&D),, Andhra Pradesh State Electricity Board Mint Compound Hyderabad-500004, Andhra Pradesh | 12.00 | 18 |
| 845 | Advanced concepts in computer aided operation planning and protection of electric power systems | CBIP-RSOP | Indian Institute of Technology, Kanpur Kanpur-208016, Uttar Pradesh | 14.10 | 24 |
| 846 | Condition monitoring of reactors and transformers by dissolved gas analysis | CBIP-RSOP | General Manager(RD),, National Thermal Power Corporation Plot A-8, Sector 24 Noida-201301, Uttar Pradesh | 19.51 | 42 |
| 847 | Economic design of substation structures foundations and layouts | CBIP-RSOP | Addl. Chief Engineer,, Gujarat Electricity Board Vidyut Bhavan, Race Course Baroda-390007, Gujarat | 7.60 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 848 | Rewelding of coal mill grinding rollers | CBIP-RSOP | Addl. Chief Engineer,, Gujarat Electricity Board Vidyut Bhavan, Race Course Baroda-390007, Gujarat | 15.25 | 36 |
| 849 | Characterisation of fly ash from 10 thermal power station | CBIP-RSOP | Director,, Regional Research Laboratory, Bhopal Hoshangabad Road, Near Habibganj Naka Bhopal-462026, Madhya Pradesh | 11.40 | 24 |
| 850 | Remote metering of H.T. consumers | CBIP-RSOP | Addl. Chief Engineer,, Madhya Pradesh Electricity Board Post Box No.34 Jabalpur-482008, Madhya Pradesh | 7.80 | 36 |
| 851 | Operational aspects of 11 KV voltage capacitors boosters, auto reclosures and sectionaliser | CBIP-RSOP | Addl. Chief Engineer,, Madhya Pradesh Electricity Board Post Box No.34 Jabalpur-482008, Madhya Pradesh | 4.25 | 24 |
| 852 | Communication needs for 33 KV urban distribution system | CBIP-RSOP | Addl. Chief Engineer,, Madhya Pradesh Electricity Board Post Box No.34 Jabalpur-482008, Madhya Pradesh | 2.30 | 24 |
| 853 | Field verification of the computer progr-amme for determination of optimal rating & location of shunt capacitors in a 11 KV distribution system | CBIP-RSOP | Director,, Electrical Research Development Association P.B.No.760, Makarpura Industrial Estate Vadodara-390010, Gujarat | 1.49 | 8 |
| 854 | Techno-economic feasibility study of applying ABC system in H.T. distributions | CBIP-RSOP | Chief Engineer(RD),, Kerala State Electricity Board Vaidyuthi Bhavan, Pattom Thiruvananthapuram, Kerala | 3.80 | 24 |
| 855 | Develop a load forecasting techniques/mo-del for estimating future demand of power in rural and urban areas | CBIP-RSOP | Chief Engineer(RA),, Punjab State Electricity Board Vindhya Hostel, Punjab Engg. College Chandigarh-160014, Chandigarh | 3.60 | 24 |
| 856 | Pilot research project for improving the reliability of supply with improvement in available equipment and lines accesso-ries | CBIP-RSOP | Chief Engineer(TRD),, Maharashtra State Electricity Board PO Eklahare, Nasik Road Nagpur-440013, Maharashtra | 9.50 | 36 |
| 857 | Setting up of an Arc Diagnostic Laboratory | CBIP-RSOP | Director General,, Central Power Research Institute Post Box No.9401 Bangalore-560094, Karnataka | 19.50 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 858 | Develop and test improved designs for rotating electrical machines | CBIP-RSOP | Director General,, Central Power Research Institute Post Box No.9401 Bangalore-560094, Karnataka | 20.05 | 30 |
| 859 | Development of a work station for the design and analysis of power systems | CBIP-RSOP | Director General,, Central Power Research Institute Post Box No.9401 Bangalore-560094, Karnataka | 12.10 | 36 |
| 860 | Partial discharge investigation in transformer and other insulation systems | CBIP-RSOP | Director General,, Central Power Research Institute Post Box No.9401 Bangalore-560094, Karnataka | 19.00 | 36 |
| 861 | Digital protection of the power apparatus and system and its extension to multi-phase system | CSIR-ES | Singh,L.P.,Dr. Department of Electrical Engineering Indian Institute of Technology, Kanpur Kanpur-208016, Uttar Pradesh | 3.29 | 36 |
| 862 | Evaluation of bioreactors for hazardous waste treatment | CSIR-ES | Sastry,C.A.,Dr. Department of Chemical Engineering Indian Institute of Technology, Madras Madras-600036, Tamil Nadu | 3.29 | 36 |
| 863 | Development of radar absorbing materials for stealth application | CSIR-ES | Rajagopalan,S.R.,Dr. E-5, NAL Quarters Bangalore-560017, Karnataka | 5.73 | 36 |
| 864 | Book on failure analysis of engineering structures and accident investigations | CSIR-ES | Ramachandran,V.,Dr. Materials Science Division National Aeronautical Laboratory Bangalore-560017, Karnataka | 3.43 | 36 |
| 865 | Utilisation of textile industry waste | CSIR-ES | Purushottam,A.,Dr. CSIR Centre for Biochemicals Mall Road, University Campus Delhi-110007, Delhi | 3.43 | 36 |
| 866 | Studies in non-equilibrium metallic materials of potentials | CSIR-ES | Anantharaman,T.R.,Dr. Thapar Institute of Engineering & Technology Patiala-147001,Punjab | 3.43 | 36 |
| 867 | LTA and nalla digital control technology investigations for the LCA | CSIR-ES | Ashoka,P.,Wg.Cdr SOQ6 Bristol Qtrs, Old Madra Road Bangalore-560093, Karnataka | 3.43 | 36 |
| 868 | Design of a conceptual database - an information science approach | CSIR-EXTRM | Mahanti,P.K.,Dr. Department of Computer Science Birla Institute of Technology Ranchi-835215, Bihar | 6.08 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 869 | Artificial neural network application to power system state estimation | CSIR-EXTRM | Srivastava,S.C.,Dr.<br>Department of Electrical Engineering<br>Indian Institute of Technology, Kanpur<br>Kanpur-208016, Uttar Pradesh | 4.45 | 36 |
| 870 | Investigation for efficient data interleaving in voice network and development of system controller | CSIR-EXTRM | Tiwari,P.S.,Dr.<br>Department of Electronic & Communication Engg.<br>Jai Narain Vyas University<br>Jodhpur-342001, Rajasthan | 7.08 | 36 |
| 871 | Development of improved filtration system (artificial kidney) for blood purification | CSIR-EXTRM | Gupta,A.K.,Dr.<br>Department of Electrical Engineering<br>Aligarh Muslim University<br>Z.H. College of Engineering & Technology<br>Aligarh-202002, Uttar Pradesh | 4.53 | 36 |
| 872 | Application of vision system for surface and dimensional inspection | CSIR-EXTRM | Radhakrishnan,V.,Dr.<br>Department of Mechanical Engineering<br>Indian Institute of Technology, Madras<br>Madras-600036, Tamil Nadu | 6.94 | 36 |
| 873 | Stability of ordered HCP intermediate phase | CSIR-EXTRM | Lele,S.,Dr.<br>Department of Metallurgical Engineering<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 6.48 | 36 |
| 874 | Modelling of mozley mineral separators | CSIR-EXTRM | Misra,D.D.,Prof.<br>Department of Fuel & Mineral Engineering<br>Indian School of Mines<br>Dhanbad-826004, Bihar | 3.93 | 36 |
| 875 | Beneficiation of low grade bentonite clay for application in oil well drilling | CSIR-EXTRM | Sharma,V.P.,Dr.<br>Department of Petroleum Engineering<br>Indian School of Mines<br>Dhanbad-826004, Bihar | 2.39 | 36 |
| 876 | Corrosion characteristics of high nitrogen steels | CSIR-EXTRM | Chaudhary,R.S.,Dr.<br>Department of Chemistry<br>Maharshi Dayanand University<br>Rohtak-124001, Haryana | 7.53 | 36 |
| 877 | Studies on energy consumption and conservaton in potato cold storage industry | CSIR-EXTRM | Gupta,D.K.,Dr.<br>Department of Food Engineering<br>G.B. Pant University of Agriculture & Technology<br>Nainital<br>Pantnagar-263145, Uttar Pradesh | 5.48 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 878 | Development of rijke tube gasifier for low grade fuels | CSIR-EXTRM | Sheshadri,T.S.,Dr.<br>Department of Aerospace Engineering<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 2.13 | 24 |
| 879 | Performance to various composite materials of fibre reinforced plastics with emphasis on machine elements | CSIR-EXTRM | Gosavi,V.P.,Dr.<br>Department of Mechanical Engineering<br>Maharashtra Institute of Technology<br>Pune-411038, Maharashtra | 3.29 | 36 |
| 880 | Studies on fracture toughness and fatigue crack growth behaviour of pulsed mig welded Al-Zn-Mg alloy | CSIR-EXTRM | Gupta,P.C.,Dr.<br>Department of Mechanical & Industrial Engineering<br>Roorkee University<br>Roorkee-247667, Uttar Pradesh | 6.57 | 36 |
| 881 | Development of on-line auto-inspection and microprocessor based auto-levelling system for jute(textile) product manufacture | CSIR-EXTRM | Sett,S.K.,Dr.<br>Department of Yarn Manufacture<br>Institute of Jute Technology<br>Calcutta-700019, West Bengal | 10.08 | 36 |
| 882 | An experimental cum theoretical investigation of fully developed wall turbulence, using hydrodynamic stability theory | CSIR-EXTRM | Sen,P.K.,Prof.<br>Department of Applied Mechanics<br>Indian Institute of Technology, Delhi<br>New Delhi-110016, Delhi | 3.05 | 36 |
| 883 | Development of three dimensional radiation field analyser and TL clinical desimetry methods for irregular fields | DAE -BRNS | Ravindran,B.P.,Dr.<br>Department of Radiotherapy<br>Christian Medical College<br>Vellore-632004, Tamil Nadu | 3.11 | 36 |
| 884 | Design and development of microwave resonators and filters based thin film | DAE -BRNS | Aiyar,RPRC,Dr.<br>A.C.R.E.<br>Indian Institute of Technology, Bombay<br>Powai<br>Bombay-400076, Maharashtra | 5.70 | 36 |
| 885 | Design and development of image processing algorithms particularly for object recognition | DAE -BRNS | Sane,S.,Dr.<br>Department of Computer Science<br>S.N.D.T. Women's University<br>Bombay-400020, Maharashtra | 3.85 | 36 |
| 886 | Ultrasonic flowmeter based on cross correlation technique | DAE -BRNS | Anjeneyulu,T.,Dr.<br>Department of Electrical Engineering<br>Indian Institute of Technology, Bombay<br>Powai<br>Bombay-400076, Maharashtra | 8.12 | 36 |
| 887 | Development of microwave intrusion detection system | DAE -BRNS | Bhatnagar,P.S.,Dr.<br>Central Electronics Engineering<br>Research Institute, Pilani<br>Pilani-333031,Rajasthan | 7.91 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 888 | Development of scanning tunneling microscope for surface studies | DAE -BRNS | Dharmadhikari,C.V.,Dr.<br>Department of Physics<br>Poona University<br>Pune-411007, Maharashtra | 5.09 | 36 |
| 889 | Studies of shock wave propagation in gas particle mixture | DAE -BRNS | Kurian,J.,Dr.<br>Department of Aerospace<br>Indian Institute of Technology, Madras<br>Madras-600036, Tamil Nadu | 6.11 | 36 |
| 890 | Design, scale-up and optimization of pachuca tamles | DAE -BRNS | Shekhar,R.,Dr.<br>Department of Metallurgy<br>Indian Institute of Technology, Kanpur<br>Kanpur-208016, Uttar Pradesh | 6.10 | 36 |
| 891 | Joystick technology and teleoperated robots | DAE -BRNS | Deb,S.R.,Prof.<br>Department of Engineering<br>Jadavpur University<br>Calcutta-700032, West Bengal | 30.00 | 36 |
| 892 | Recognition and measurement of geometric parameters through robot vision | DAE -BRNS | Radhakrishnan,P.,Prof.<br>Department of Mechanical Engineering<br>P.S.G. College of Technology<br>Coimbatore-641004, Tamil Nadu | 6.09 | 36 |
| 893 | Design and development of teleoperated vehicle | DAE -BRNS | Ghosh,A.,Prof.<br>Centre for Robotics<br>Indian Institute of Technology, Kanpur<br>Kanpur-208016, Uttar Pradesh | 22.11 | 36 |
| 894 | Experimental and analytical investigation of buoyant discharge of wara water in-stagnant reservoir | DAE -BRNS | Subramanyam,S.,Dr.<br>P.S.G. College of Technology<br>Coimbatore-641004,Tamil Nadu | 6.91 | 36 |
| 895 | Training simulator to study effect of transient in nuclear power plants including grid transients | DAE -BRNS | Hariharan,M.V.,Prof.<br>Department of Electrical Engineering<br>Indian Institute of Technology, Bombay<br>Powai<br>Bombay-400076, Maharashtra | 2.66 | 36 |
| 896 | Thermal and squeeze film effects in water lubricated bearings | DAE -BRNS | Athre,K.,Dr.<br>Department of Mechanical Engineering<br>Indian Institute of Technology, Delhi<br>New Delhi-110016, Delhi | 9.75 | 36 |
| 897 | Basic engineering package for common effluent treatment plants (CETP) for sago industries in and around Salem, assistance in commissioning of CETPs trouble shooting and training of O&M staff-phase I | DBT -CRP | Khanna,P.,Prof.<br>National Environmental Engineering Research Institute<br>Nehru Marg<br>Nagpur-440020, Maharashtra | 5.45 | 6 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 898 | Development of column type bioreactors | DBT -CRP | Joshi,J.B.,Dr.<br>Department of Chemical Technology<br>Bombay University<br>Matunga<br>Bombay-400019, Maharashtra | 35.11 | 36 |
| 899 | Optimization of inverse fluidized loop bio-reactor for multiphase biochemical systems | DBT -CRP | Lele,S.S.,Dr.<br>Department of Chemical Technology<br>Bombay University<br>Matunga<br>Bombay-400019, Maharashtra | 7.81 | 36 |
| 900 | Two aqueous phase extraction in presence of surface active additives | DBT -CRP | Gaikar,V.G.,Dr.<br>Department of Chemical Technology<br>Bombay University<br>Matunga<br>Bombay-400019, Maharashtra | 13.45 | 36 |
| 901 | Development of a high productivity process for lactic acid through membre technology application | DBT -CRP | Rakshit,S.K.,Dr.<br>Department of Chemical Engineering<br>Indian Institute of Technology, Madras<br>Madras-600036, Tamil Nadu | 22.22 | 36 |
| 902 | Synthesis and application of biodegradable polymers | DBT -CRP | Sivaram,S.,Dr.<br>Division of Polymer Chemistry<br>National Chemical Laboratory<br>Pune-411008, Maharashtra | 9.27 | 36 |
| 903 | Development of solar operated pumpless continuous absorption refrigerators | DNES-SOLAR | Srinivasamurthy,S.,Dr.<br>Department of Refrigeration & Airconditioning<br>Indian Institute of Technology, Madras<br>Madras-600036, Tamil Nadu | 10.98 | 24 |
| 904 | Development and demonstration of thermal energy storage technology for low/inter mediate temperance applications | DNES-SOLAR | Garg,H.P.,Prof.<br>Centre of Energy Studies<br>Indian Institute of Technology, Delhi<br>New Delhi-110016, Delhi | 5.82 | 24 |
| 905 | Manufacture and demonstration of day diptype solar cooker by Maharashtra Gandhi Smarak Nidhi, phase-II | DNES-SOLAR | Kulkarni,P.K.,Shri<br>Maharashtra Gandhi Smarak Nidhi<br>Gandhi Bhavan<br>Pune-411001, Maharashtra | 4.25 | 24 |
| 906 | Solar drying | DNES-SOLAR | Garg,H.P.,Prof.<br>Centre of Energy Studies<br>Indian Institute of Technology, Delhi<br>New Delhi-110016, Delhi | 6.96 | 24 |
| 907 | R&D project for design, development and manufacture of 5 sets of stall regulated rotor blade for 200/250 KW wind electric generators | DNES-WE | Defence Research Development Laboratory<br>Defence Research Development Org.<br>Hyderabad-500258, Andhra Pradesh | 150.00 | 15 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 908 | R&D project for design, development and manufacture of 4 sets of pitch controlled rotor blades for 200/250 KW wind electric generators | DNES-WE | Hindustan Aeronautics Limited Indian Express Building, Veedhan Veedhi Bangalore-560017, Karnataka | 60.00 | 18 |
| 909 | Development of instruments for coal mine stability monitoring | DOC -SSRC | Sivakumar,C.,Dr. National Institute of Rock Mechanics Champion Reefs, Kolar Goldfields Kolar-563117, Karnataka | 6.50 | 24 |
| 910 | Mechanised depillaring of 6m thick seam III of Chirimiri with cable bolted supports (CMRS, Dhanbad also participate in the project) | DOC -SSRC | Shirvastava,L.K.,Dr. Singareni Collieries Co. Ltd. Kothagudem-507101,Andhra Pradesh | 237.10 | 45 |
| 911 | Design, development and testing of under water sub-system | DOD -PMNP | Gopalakrishnan,A.,Dr. Central Mechanical Engineering Research Institute Mahatma Gandhi Avenue Durgapur-731209, West Bengal | 350.00 | 17 |
| 912 | Development of MOS device simulator (jointly with Poona University) | DOE -NMC | Indian Institute of Technology, Bombay Powai Bombay-400076, Maharashtra | N.A. | N.A. |
| 913 | Development of bipolar and MOS device simulator (BIMODES) at IIT, Madras (jointly with IHRDE, Thiruvananthapuram) | DOE -NMC | Anna University Madras Institute of Technology Madras-600044, Tamil Nadu | N.A. | N.A. |
| 914 | Development of advanced bipolar device simulator (jointly with IRPE, Calcutta) | DOE -NMC | Indian Institute of Technology, Kharagpur Kharagpur-721302, West Bengal | N.A. | N.A. |
| 915 | Upgradation of ID STEPS package to 2D simulator (jointly with IRPE-Calcutta, Bombay University, NPL-Delhi) | DOE -NMC | Indian Institute of Technology, Delhi New Delhi-110016, Delhi | N.A. | N.A. |
| 916 | Integration of 2D semi-conductor technology process simulator (STEPS) | DOE -NMC | Central Electronics Engineering Research Institute, Pilani Pilani-333031, Rajasthan | N.A. | N.A. |
| 917 | To control parameters of semiconductor device by electron and ion irradition | DOE -NMC | Poona University Pune-411007, Maharashtra | N.A. | N.A. |
| 918 | Development of high power schettky diodes for industrial application | DOE -NMC | Central Electronics Engineering Research Institute, Pilani Pilani-333031, Rajasthan | N.A. | N.A. |
| 919 | Development of technology for fabrication of chroms mask blanks | DOE -NMC | Solid State Physics Laboratory Delhi-110007, Delhi | N.A. | N.A. |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 920 | Development of high current and high voltage rectifiers | DOE -NMC | Central Electronics Engineering Research Institute, Pilani<br>Pilani-333031, Rajasthan | N.A. | N.A. |
| 921 | Design and characterization of bipolar transistor at low temperature | DOE -NMC | Indian Institute of Technology, Kharagpur<br>Kharagpur-721302, West Bengal | N.A. | N.A. |
| 922 | Development of characterization of application specific bipolar arrays and ECL gates | DOE -NMC | Indian Institute of Technology, Kharagpur<br>Kharagpur-721302, West Bengal | N.A. | N.A. |
| 923 | Development of laser print finder/intense light | DOE -NPC | Gouri,N.M.,Shri<br>FOSAPP Centre<br>Electronics Corporation of India Limited<br>Industrial Development Area<br>Hyderabad-500762, Andhra Pradesh | 45.00 | 24 |
| 924 | Mark sensor reader | DOE -NPC | Chandru,S.G.,Shri<br>Pace Elcot Automation Limited<br>Khaleeli Centre,149, Montieth Road<br>Madras-600008, Tamil Nadu | 18.06 | 10 |
| 925 | Development of passive integrated optics devices of ion exchange | DOE -NPC | Sirohi,R.S.,Prof.<br>Department of Physics<br>Indian Institute of Technology, Madras<br>Applied Optics Laboratory<br>Madras-600036, Tamil Nadu | 8.80 | 36 |
| 926 | Development of OIC devices | DOE -NPC | Mitra,G.,Dr.<br>Central Scientific Instruments Organisation<br>Sector 30<br>Chandigarh-160020, Chandigarh | 9.85 | 24 |
| 927 | Design and development of endoscope | DOE -NPC | Narasimhan,V.M.L.,Shri<br>Central Scientific Instruments Organisation<br>Sector 30<br>Chandigarh-160020, Chandigarh | 19.50 | 36 |
| 928 | Development of hybrid PIN/FET transimpendence receiver module for 1.3um optical communication system | DOE -NPC | Singh,B.R.,Dr.<br>Central Electronics Engineering Research Institute, Pilani<br>Scientist Stratgic Electronics Area<br>Pilani-333031, Rajasthan | 18.50 | 24 |
| 929 | Sonar echo and signal processor simulators (TDP - 130) | DOE -NRC | Regional Engineering College, Tiruchirapalli<br>Tiruchirapalli-620001, Tamil Nadu | 9.94 | 24 |
| 930 | Research and manpower training programme in Avionics (TDP-131) | DOE -NRC | Anna University<br>Madras Institute of Technology<br>Madras-600044, Tamil Nadu | 77.00 | 60 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 931 | M.Phil programme in microwave (TDP-132) | DOE -NRC | Burdwan University<br>Burdwan-713104, West Bengal | 63.40 | 60 |
| 932 | Acoustic propagation for active and passive sonars (TDP-133) | DOE -NRC | Indian Institute of Science<br>Bangalore-560012, Karnataka | 15.00 | N.A. |
| 933 | Application of electronics data loggers to optimise use of natural resources for village level planning | DOE -TDD | Deshpande,Y.,Shri<br>Sant Yadavbaba Shikshan Prasarak Mandal Relegan Siddhi<br>Tal Parner<br>Ahmednagar-414001, Maharashtra | 7.60 | 24 |
| 934 | Development of database on development profile of India to analyse the potential in technology intervention through electronics towards development of the people | DOE -TDD | Dikshit,S.,Shri<br>SANKET<br>New Delhi, Delhi | 18.73 | 12 |
| 935 | Pilot project proposal for communication for water resource management project | DOE -TDD | Sharda,G.R.,Wg.Cdr<br>Rajasthan Communiction Ltd.<br>Jaipur-302001,Rajasthan | 3.00 | 18 |
| 936 | Fibre optic communication and photonic switching | DOED-R&D | Shevgaonkar,R.K.,Dr.<br>Indian Institute of Technology, Bombay<br>Powai<br>Bombay-400076, Maharashtra | 9.00 | 42 |
| 937 | Separation studies on the mixture CH4-Co 2-H2S.....in industrial unit | DOED-R&D | Vyas,S.N.,Prof.<br>Indian Institute of Technology, Bombay<br>Powai<br>Bombay-400076, Maharashtra | 8.00 | 42 |
| 938 | Computer aided dynamics and optimization of mechanical systems | DOED-R&D | Asnani,N.T.,Prof.<br>Indian Institute of Technology, Delhi<br>New Delhi-110016,Delhi | 5.00 | 42 |
| 939 | Development of high performance composites | DOED-R&D | Director,,<br>Indian Institute of Technology, Kanpur<br>Kanpur-208016,Uttar Pradesh | 5.00 | 42 |
| 940 | Production & Characterization of metal/ ceramic matrix composites | DOED-R&D | Godkhihdi,M.M.,Prof.<br>Indian Institute of Technology, Kharagpur<br>Kharagpur-721302,West Bengal | 5.00 | 42 |
| 941 | Neuro-computing based robotic systems | DOED-R&D | Faruqi,M.A.,Dr.<br>Indian Institute of Technology, Kharagpur<br>Kharagpur-721302,West Bengal | 8.00 | 42 |
| 942 | Development of interactive computer based information & guidance package for educational and employment planning | DOED-R&D | Shanmugam,M.S.,Prof.<br>Indian Institute of Technology, Madras<br>Madras-600036,Tamil Nadu | 6.00 | 42 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 943 | Growth & characterisation of semi-conductor thin films for active device applications | DOED-R&D | Shivakumar,G.K.,Dr.<br>Karnataka Regional Engineering College<br>Srinivasnagar<br>Surathkal-574157, Karnataka | 5.00 | 42 |
| 944 | Application of optimization techniques in design of electric drives | DOED-R&D | Agarwal,S.C.,Dr.<br>Malviya Regional Engineering College<br>Jaipur-302017,Rajasthan | 5.00 | 42 |
| 945 | Development of a ROBO system for chemical cleaning of components in industries | DOED-R&D | Yadav,R.C.,Dr.<br>M.N. Regional Engineering College<br>Allahabad-211004,Uttar Pradesh | 5.00 | 42 |
| 946 | Growth of optical quality ferroelectric .....magnetic field and impurities | DOED-R&D | Katpatal,A.G.,Dr.<br>Viswesvaraya Regional Engineering College<br>Nagpur-440011,Maharashtra | 8.00 | 42 |
| 947 | Production of industrial microbial enzymes & their applications in novel bioreactors | DOED-R&D | Ayyanna,C.,Dr.<br>Andhra University<br>College of Engineering<br>Visakhapatnam-500003, Andhra Pradesh | 8.00 | 42 |
| 948 | Three dimensional modelling of incylinder process | DOED-R&D | Rajagopal,K.,Dr.<br>JNTU College of Engineering, Anantpur<br>Anantpur-515002,Andhra Pradesh | 5.00 | 42 |
| 949 | Investigation & study of spread of complex profiles during rolling | DOED-R&D | Balakrishna,H.K.,Prof.<br>UV College of Engineering<br>Bangalore-560001,Karnataka | 5.00 | 42 |
| 950 | Aperture coupled junctions between rectangular and circular/rectangular waveguides | DOED-R&D | Rao,PVDS,Dr.<br>JNTU College of Engineering, Kukatpally<br>Kukatpally-500872,Andhra Pradesh | 5.00 | 42 |
| 951 | Preparation, characterisation and applications of metal oxide supported levis acids as potential superacids | DOED-R&D | Dixit,S.G.,Prof.<br>Department of Chemical Technology<br>Bombay University<br>Matunga<br>Bombay-400019, Maharashtra | 7.00 | 42 |
| 952 | Design and development of transdermal drug delivery system using combinations of steriodal harmones as antifertility agents | DOED-R&D | Deshpande,S.G.,Dr.<br>C.U. Shah College of Pharmacy<br>Santacruz<br>Bombay-400049, Maharashtra | 5.00 | 42 |
| 953 | Drug degradation in pharmaceutical formulations | DOED-R&D | Chopra,K.S.,Dr.<br>Punjab University<br>Chandigarh-160014,Chandigarh | 8.00 | 42 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 954 | Studies on the side chain .....basic zeolites | DOED-R&D | Krishnaswamy,V.,Dr.<br>Anna University<br>College of Engineering, Guindy Campus<br>Madras-600025, Tamil Nadu | 5.00 | 42 |
| 955 | Membrance technology | DOED-R&D | Upadhyay,S.N.,Prof.<br>Banaras Hindu University<br>Institute of Technology<br>Varanasi-221005, Uttar Pradesh | 5.00 | 42 |
| 956 | Studies on a thermosiphon reboiler | DOED-R&D | Alam,S.S.,Dr.<br>Department of Chemical Engineering<br>Aligarh Muslim University<br>Aligarh-202002, Uttar Pradesh | 5.00 | 42 |
| 957 | Millimeter wave propogation | DOED-R&D | Singh,M.P.,Dr.<br>J.K. Institute of Applied Physics & Technology<br>Allahabad-211002,Uttar Pradesh | 5.00 | 42 |
| 958 | Development of a laboratory for applications of artificial neural network technology | DOED-R&D | Gupta,A.K.,Prof.<br>J.K. Institute of Applied Physics & Technology<br>Allahabad-211002,Uttar Pradesh | 5.00 | 42 |
| 959 | Development of a total hydrologic response model | DOED-R&D | Mathur,S.S.,Dr.<br>Roorkee University<br>Roorkee-247667,Uttar Pradesh | 5.00 | 42 |
| 960 | Studies on ceramics-metals wetting & adhesion for design of interfaces | DOED-R&D | Bhartwal,S.K.,Dr.<br>Roorkee University<br>Roorkee-247667,Uttar Pradesh | 7.00 | 42 |
| 961 | Water resources for integrated management in south Arcot district | DOED-R&D | Rangapathy,V.,Dr.<br>Annamalai University<br>Parangipettai-608500,Tamil Nadu | 5.00 | 42 |
| 962 | Automobile air-conditioning using waste heat from exhaust gas | DOED-R&D | Selvaraju,A.,Prof.<br>Pondicherry Engineering College<br>Pondicherry-605104,Pondicherry | 5.00 | 42 |
| 963 | Development of facilities for bioavailability of drugs in humans and pre-clinical toxicological studies in animals | DOED-R&D | Goyal,R.K.,Dr.<br>L.M. College of Pharmacy<br>Ahmedabad-380009,Gujarat | 5.00 | 42 |
| 964 | Energy, environment & transportation-implications for urban planning | DOED-R&D | Shivanand Swamy,H.M.,Shri<br>School of Planning<br>Navrangapura<br>Ahmedabad-380009, Gujarat | 6.00 | 42 |
| 965 | Filter fabrics for dust control | DOED-R&D | Kaushik,R.C.D.,Prof.<br>Technological Institute of Textile & Sciences<br>Bhiwani-125021,Haryana | 5.00 | 42 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 966 | Behaviour of masonry panels - practical & theoretical investigations | DOED-R&D | Shakeeb-ur-Rehman,Syed,Prof.<br>Sri Jayachamarajendra College of Engineering<br>Mysore-570006,Karnataka | 5.00 | 42 |
| 967 | Artificial neural networks | DOED-R&D | Chandra Gauda,K.,Dr.<br>Sri Jayachamarajendra College of Engineering<br>Mysore-570006,Karnataka | 5.00 | 42 |
| 968 | Study & development of static power controllers for pumping power from small unregulated power sources to the utility | DOED-R&D | Mudaliyar,M.M.,Prof.<br>B.M.S. College of Engineering<br>Bangalore-560019,Karnataka | 7.00 | 42 |
| 969 | Microstrip antennas for satellite systems | DOED-R&D | Venkataramayya,Y.,Prof.<br>P.D.A. College of Engineering<br>Gulbarga-585102,Karnataka | 8.00 | 42 |
| 970 | CCD camera based automatic measurement.....volume of 3D objects | DOED-R&D | Srivastava,M.C.,Dr.<br>S.G.S. Institute of Technology & Science<br>Indore-452003,Madhya Pradesh | 8.00 | 42 |
| 971 | Microprocessor based thyristor assisted .....factor improvement | DOED-R&D | Krishnamurthy,K.A.,Dr.<br>Malnad College of Engineering<br>Hassan-573201,Karnataka | 6.00 | 42 |
| 972 | Development of stochastic plan for ..... ..in hazarduous environment | DOED-R&D | Jain,K.C.,Dr.<br>Samrat Ashok Technical Institute<br>Vidisha-464001,Madhya Pradesh | 7.00 | 42 |
| 973 | Development of centre for fundamental research.....photovoltaics | DOED-R&D | Mathur,S.C.,Dr.<br>Samrat Ashok Technical Institute<br>Vidisha-464001,Madhya Pradesh | 5.00 | 42 |
| 974 | Development of new technology for pharmaceuticals.....optimisation | DOED-R&D | Vishwanathan,C.L.,Dr.<br>Bombay College of Pharmacy<br>Kalina<br>Bombay-400098, Maharashtra | 5.00 | 42 |
| 975 | Research & laboratory testing of building technologies | DOED-R&D | Salkar,V.D.,Prof.<br>Walchand College of Engineering<br>Sangli-416116,Maharashtra | 5.00 | 42 |
| 976 | To assess the underlying .....technical entrepreneurship | DOED-R&D | Kallurkar,S.P.,Prof.<br>Shri Guru Gobind Singhji College of Engineering<br>Vishnupuri-431603,Maharashtra | 5.00 | 42 |
| 977 | Estimation of blade damping using finite element modelling | DRDO-ARDB | Ramakrishnan,C.V.,Prof.<br>Indian Institute of Technology, Delhi<br>New Delhi-110016,Delhi | 3.76 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 978 | Software development for life estimation of turbine blades | DRDO-ARDB | Rao,J.S.,Dr.<br>Indian Institute of Technology, Delhi<br>New Delhi-110016,Delhi | 13.69 | 36 |
| 979 | Development of a 3-D euler code using time marching computational technique for prop fan applications | DRDO-ARDB | Girigoswamy,H.,Shri<br>National Aeronautical Laboratory<br>Bangalore-560017,Karnataka | 5.83 | 24 |
| 980 | Design and development of an early warning system of onset of compressor surge | DRDO-ARDB | Sane,S.K.,Prof.<br>Indian Institute of Technology, Bombay<br>Powai<br>Bombay-400076, Maharashtra | 8.69 | 24 |
| 981 | 3-dimensional effects in diffusers | DRDO-ARDB | Malhotra,R.C.,Prof.<br>Indian Institute of Technology, Delhi<br>New Delhi-110016,Delhi | 9.77 | 36 |
| 982 | Feasibility study of small gas engine development | DRDO-ARDB | Murugesan,K.,Dr.<br>National Aeronautical Laboratory<br>Bangalore-560017,Karnataka | 3.63 | 24 |
| 983 | Numerical tool for design of ejector super charging of ground level test bed to simulate high mach entry | DRDO-ARDB | Marathe,A.G.,Prof.<br>Indian Institute of Technology, Bombay<br>Powai<br>Bombay-400076, Maharashtra | 3.12 | 36 |
| 984 | Thermophoretic augmentation of aerosal particle transport in gas turbine(Phase I) | DRDO-ARDB | Jayaraj,S.,Shri<br>Regional Engineering College, Calicut<br>Kozhikode-673601,Kerala | 4.18 | 36 |
| 985 | Tip clearance effects in an axial flow compressor | DRDO-ARDB | Sharma,P.B.,Prof.<br>Delhi College of Engineering<br>Delhi-110006,Delhi | 4.48 | 36 |
| 986 | Study of statement of case for funding of indigenous development of GPS receiver | DRDO-GIA | Setty,R.R.,Shri<br>Bharat Electronics Limited<br>29/4, Race Course Road<br>Bangalore-560001, Karnataka | 25.00 | 36 |
| 987 | Development of software package for soft ware risk estimation and reduction | DRDO-GIA | Rao,E.B.,Dr.<br>Electronics Corporation of India Limited<br>Industrial Development Area<br>Hyderabad-500762, Andhra Pradesh | 10.91 | 24 |
| 988 | MOU joint IISc. Bangalore and DRDL JATP Programme | DRDO-GIA | Director,,<br>Indian Institute of Science<br>Bangalore-560012,Karnataka | 37.50 | 36 |
| 989 | Joint MOU between DRDO & IISc. Bangalore on signal processing | DRDO-GIA | Reddy,V.U.,Dr.<br>Indian Institute of Science<br>Bangalore-560012,Karnataka | 25.00 | 60 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 990 | Design of PC based antenna | DRDO-GIA | Srivastava,G.P.,Dr.<br>Delhi University<br>Delhi-110007,Delhi | 4.95 | 36 |
| 991 | To develop integrated surface acoustic wave devices using piezoelectric films | DRDO-GIA | Singh,A.,Dr.<br>Delhi University<br>Delhi-110007,Delhi | 5.84 | 36 |
| 992 | Fabrication of W-band pulsed DDR silicon impatt | DRDO-R&T(E) | Ahmed,S.,Dr.<br>Central Electronics Engineering Research Institute, Pilani<br>Pilani-333031,Rajasthan | 22.24 | 12 |
| 993 | Applications of artifical neural network in computer vision problems | DRDO-R&T(E) | Chaudhuri,S.,Dr.<br>Indian Institute of Technology, Bombay<br>Powai<br>Bombay-400076, Maharashtra | 14.90 | 24 |
| 994 | Development of integrated knowledge base and natural language interface for hydrological data | DRDO-R&T(E) | Garg,K.,Dr.<br>Roorkee University<br>Roorkee-247667,Uttar Pradesh | 0.97 | 24 |
| 995 | Feasibility study of microwave and mm wave spatial power combiners | DRDO-R&T(E) | Sarkar,S.,Dr.<br>Roorkee University<br>Roorkee-247667,Uttar Pradesh | 0.84 | 12 |
| 996 | Study of MIC tapered slot antenna and its arrays | DRDO-R&T(E) | Shevgaonker,R.K.,Dr.<br>Indian Institute of Technology, Bombay<br>Powai<br>Bombay-400076, Maharashtra | 11.45 | 36 |
| 997 | Study of modelling and recovery schemes for week signals in EMI | DRDO-R&T(E) | Merchant,S.N.,Dr.<br>Indian Institute of Technology, Bombay<br>Powai<br>Bombay-400076, Maharashtra | 4.80 | 24 |
| 998 | Development of Silicon PIN, APD and quadrant diodes for 1.06m radiation | DRDO-R&T(E) | Narain,J.,Dr.<br>Indian Institute of Technology, Kanpur<br>Kanpur-208016,Uttar Pradesh | 19.91 | 36 |
| 999 | Characterization of bauxite samples from Gujarat | DST -CCP | Bhadra,A.K.,Shri<br>Central Glass and Ceramic Research Institute<br>196, Raja S.C. Mullick Road<br>Calcutta-700032, West Bengal | 1.26 | 6 |
| 1000 | Biobeneficiation of bauxite for refractory applications | DST -CCP | Natarajan,K.A.,Prof.<br>Department of Metallurgy<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 2.00 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1001 | Development of a vapour compression based refrigerator for storage of life saving vaccines like DPT etc. for the National Immunisation Programme | DST -CCP | Jain,A.P.,Dr.<br>National Physical Laboratory<br>New Delhi-110012,Delhi | 3.11 | 24 |
| 1002 | Development of an autonomous refrigeration unit for rural applications | DST -CCP | Srinivasan,K.,Dr.<br>Indian Institute of Science<br>Bangalore-560012,Karnataka | 2.34 | 24 |
| 1003 | Alumium-ceria doped zirconia composite by hybird col-cel route | DST -CCP | Agrawal,D.C.,Dr.<br>Materials Science Programme<br>Indian Institute of Technology, Kanpur<br>Kanpur-208016, Uttar Pradesh | 1.25 | 24 |
| 1004 | Enrichment of low grade alumina ore for application in refractory and abrasive industries | DST -CCP | Banerjee,G.N.,Shri<br>Regional Research Laboratory, Bhubaneswar<br>Bhubaneswar-751013,Orissa | 4.59 | 12 |
| 1005 | Development of technology for production of zirconia powders and production of critical components for high tech. applications in the iron and steel industries | DST -CCP | Mahajan,Y.R.,Dr.<br>Defence Metallurgical Research Laboratory<br>Hyderabad-500158,Andhra Pradesh | 3.56 | 36 |
| 1006 | Development of technology for production of zirconia powders and production of critical components for high tech. applications in the iron and steel industries | DST -CCP | Banerjee,G.,Dr.<br>Central Glass and Ceramic Research Institute<br>196, Raja S.C. Mullick Road<br>Calcutta-700032, West Bengal | 18.03 | 36 |
| 1007 | Design and development of ophthalmoscope and otoscope diagnostic set | DST -IDP | Chhabra,D.S.,Shri.<br>Central Scientific Instruments Organisation<br>Sector 30<br>Chandigarh-160020, Chandigarh | 3.25 | 12 |
| 1008 | Development of electrodes for neurophysiological application | DST -IDP | Sivakumar,R.,Dr.<br>Sree Chitra Tirunal Inst. for Medical Science & Technology<br>Thiruvananthapuram-695011,Kerala | 9.63 | 24 |
| 1009 | Technology establishment of low cost portable ultrasound scanner with transducer | DST -IDP | Sarma,K.R.,Dr.<br>Central Scientific Instruments Organisation<br>Sector 30<br>Chandigarh-160020, Chandigarh | 10.80 | 24 |
| 1010 | Development of a superconducting magnet system with a longheld dewar for a 100 M HZ NMR spectrometer | DST -IDP | Sharma,R.G.,Dr.<br>National Physical Laboratory<br>New Delhi-110012,Delhi | 22.79 | 36 |
| 1011 | Development of solid state memory based intelligent seismic data recorder and analyser | DST -IDP | Shamshi,M.A.,Dr.<br>Geo-Seismic Instruments Division<br>Central Scientific Instruments Organisation<br>Sector 30<br>Chandigarh-160020, Chandigarh | 9.28 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1012 | Development of inclinometer and tiltmeter sensor alongwith intelligent geologger | DST -IDP | Shamshi,M.A.,Dr.<br>Geo-Seismic Instruments Division<br>Central Scientific Instruments Organisation<br>Sector 30<br>Chandigarh-160020, Chandigarh | 19.20 | 24 |
| 1013 | Development of computer controlled thermal analysers | DST -IDP | Gupta,S.,Dr.<br>Advanced Centre for Material Science<br>Indian Institute of Technology, Kanpur<br>Kanpur-208016, Uttar Pradesh | 11.08 | 36 |
| 1014 | Development of cross correlation flouremeter | DST -IDP | Renganathan,S.,Dr.<br>School of Instrumentation & Electronics<br>Anna University<br>Madras Institute of Technology<br>Madras-600044, Tamil Nadu | 11.10 | 24 |
| 1015 | Development of leaf area computer | DST -IDP | Bakare,S.D.,Shri<br>National Chemical Laboratory<br>Pune-411008,Maharashtra | 7.03 | 24 |
| 1016 | Development of powder X-ray difractometer | DST -IDP | Lal,K.,Dr.<br>National Physical Laboratory<br>New Delhi-110012,Delhi | 42.00 | 36 |
| 1017 | Development of diode array UV-VIS spectrophotometer | DST -IDP | Rao,G.V.P.,Shri<br>Electronics Corporation of India Limited<br>Industrial Development Area<br>Hyderabad-500162, Andhra Pradesh | 16.46 | 24 |
| 1018 | Development of PC controlled IR spectrohotometer | DST -IDP | Rao,G.V.P.,Shri<br>Electronics Corporation of India Limited<br>Industrial Development Area<br>Hyderabad-500162, Andhra Pradesh | 10.52 | 12 |
| 1019 | Development of infusion pump and controller | DST -IDP | Taneja,S.R.,Shri<br>Central Scientific Instruments Organisation<br>Sector 30<br>Chandigarh-160020, Chandigarh | 10.30 | 27 |
| 1020 | Development of servo controlled baby care incubater | DST -IDP | Taneja,S.R.,Shri<br>Central Scientific Instruments Organisation<br>Sector 30<br>Chandigarh-160020, Chandigarh | 16.34 | 30 |
| 1021 | Metal filled polyesters and polyurethanes from oil based polyols | DST -NFC | Singh,P.,Prof.<br>Department of Chemical Engineering<br>& Technology<br>Punjab University<br>Chandigarh-160014, Chandigarh | 21.17 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1022 | Standardisation and productionisation of polyeric composite rehabilitation-aids for the physically handicapped | DST -NFC | Prasad,B.N.,Dr.<br>Department of Orthopaedics<br>Nizam's Institute of Medical Sciences<br>Punjagutta<br>Hyderabad-500482, Andhra Pradesh | 73.80 | 48 |
| 1023 | Creep of iron aluminides | DST -SERC | Sastry,D.H.,Prof.<br>Department of Metallurgy<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 7.34 | 36 |
| 1024 | Enhancement of oxidation/corrosion resistant materials formed using laser glazin and laser alloying | DST -SERC | Khanna,A.S.,Dr.<br>Department of Metallurgical Engineering<br>Indian Institute of Technology, Bombay<br>Powai<br>Bombay-400076, Maharashtra | 8.99 | 36 |
| 1025 | A study on the behaviour of walls retaining silty soils reinforced with geosynthetics | DST -SERC | Saran,S.,Prof.<br>Department of Civil Engineering<br>Roorkee University<br>Roorkee-247667, Uttar Pradesh | 4.75 | 36 |
| 1026 | Production of ultrafine particles by using surfactant aggregates as microreactors | DST -SERC | Khilar,C.,Prof.<br>Department of Chemical Engineering<br>Indian Institute of Technology, Bombay<br>Powai<br>Bombay-400076, Maharashtra | 10.64 | 36 |
| 1027 | Expert system applications to electric power system : optimal load despatch | DST -SERC | Kalra,P.K.,Dr.<br>Department of Electrical Engineering<br>Indian Institute of Technology, Kanpur<br>Kanpur-208016, Uttar Pradesh | 10.03 | 36 |
| 1028 | Studies on the fracture behaviour of plates and beams containing circular holes and cracks | DST -SERC | Bhattacharya,A.,Dr.<br>Department of Mechanical Engineering<br>Banaras Hindu University<br>Institute of Technology<br>Varanasi-221005, Uttar Pradesh | 3.63 | 36 |
| 1029 | Development of computer controlled autoclave | DST -SERC | Raju,K.N.,Dr.<br>Structures Division<br>National Aeronautical Laboratory<br>Bangalore-560017, Karnataka | 26.00 | 12 |
| 1030 | Installation of micro hydro turbine package-5 schemes : Rupa (200 KW), Kalktang (50 KW), Tirbin (50 KW), Zemithang (50 K W), Gensi (50 KW) | DST -SERC | Dhimole,K.C.,Shri<br>Rural Works Department<br>Itanagar-791111,Arunachal Pradesh | 42.90 | 12 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1031 | Investigation on synthesis and structure -property correlations in quasicrystalline and nearly perfect quasicrystalline materials | DST -SERC | Tiwari,R.S.,Dr.<br>Department of Physics<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 15.28 | 36 |
| 1032 | Computer aided design and manufacture of dies | DST -SERC | Kumar,R.K.,Prof.<br>Department of Manufacturing Engineering<br>Indian Institute of Technology, Madras<br>Madras-600036, Tamil Nadu | 17.58 | 36 |
| 1033 | Modelling defects in high temperature superconductors with elasticity | DST -SERC | Biswas,S.K.,Dr.<br>Department of Mechanical Engineering<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 2.04 | 36 |
| 1034 | Development of carbon-ceramic | DST -SERC | Manocha,L.M.,Prof.<br>Department of Materials Science<br>Sardar Patel University<br>Vallabh Vidyanagar-388120, Gujarat | 12.37 | 36 |
| 1035 | Development of ultra-thin films of silicon oxynitride and Si-Gi films for electronic applications | DST -SERC | Maiti,C.K.,Dr.<br>Department of Electronics & Electrical Commun.<br>Indian Institute of Technology, Kharagpur<br>Kharagpur-721302, West Bengal | 6.33 | 36 |
| 1036 | High efficiency cupola for melting iron-optimisation | DST -SERC | Srinivasan,M.N.,Prof.<br>Department of Mechanical Engineering<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 17.65 | 36 |
| 1037 | CAD/CAM of dies for forging and extrusion | DST -SERC | Prasad,YVRK,Prof.<br>Department of Metallurgy<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 22.62 | 36 |
| 1038 | Synthetic polymer for water management and agriculture | DST -SERC | Vasu,K.,Dr.<br>Centre for Water Resources<br>Development & Management<br>Kunnamangalam<br>Kozhikode-673571, Kerala | 2.82 | 24 |
| 1039 | Synthesis of nanoparticles and clusters of magnetic materials through pulsed laser ablation | DST -SERC | Ogale,S.B.,Prof.<br>Department of Physics<br>Poona University<br>Pune-411007, Maharashtra | 11.34 | 36 |
| 1040 | Studies on nano alloys processed by different routes | DST -SERC | Chattopadhya,S.K.,Dr.<br>Department of Metallurgy<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 12.33 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1041 | Investigation on nano structured magnetic materials, ceramics and composites | DST -SERC | Ramaswamy,S.,Dr.<br>Department of Nuclear Physics<br>Madras University<br>Guindy Campus<br>Madras-600036, Tamil Nadu | 5.23 | 36 |
| 1042 | Real time optimal operation of Malaprabha irrigation reservoir | DST -SERC | Majumdar,P.P.,Dr.<br>Department of Civil Engineering<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 3.37 | 36 |
| 1043 | Synthesis and characterisation of nano phase particles using arc plasma | DST -SERC | Rohatgi,U.K.,Prof.<br>Department of Physics<br>Poona University<br>Pune-411007, Maharashtra | 5.94 | 36 |
| 1044 | Preparation and characterisation of active Silicon Nitride powders | DST -YS | Khosla,K.,Dr.<br>Department of Ceramics<br>Indian Institute of Technology, Bombay<br>Powai<br>Bombay-400076, Maharashtra | 1.73 | 24 |
| 1045 | Characterisation of diffusion bonded titanium alloys and stainless steel | ISRO-RESPOND | Sen,B.,Prof.<br>Department of Metallurgy<br>Bengal Engineering College<br>Howrah-711103, West Bengal | 9.11 | 36 |
| 1046 | Studies on adhesively bonded joints in fibre reinforced composite structures | ISRO-RESPOND | Iyengar,N.G.R.,Prof.<br>Indian Institute of Technology, Kanpur<br>Kanpur-208016,Uttar Pradesh | 9.11 | 36 |
| 1047 | Mechinability studies on advanced aluminium lithium alloy-zircon particulate composites | ISRO-RESPOND | Sharma,S.C.,Prof.<br>R.V. Engineering College<br>Bangalore-560059,Karnataka | 1.30 | 36 |
| 1048 | Fabrication and characterisation of magnesium based metal matrix composites | ISRO-RESPOND | Surappa,M.K.,Dr.<br>Department of Metallurgy<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 4.99 | 36 |
| 1049 | Standardisation and productionisation of polymeric composite rehabilitation aids for the physically handicapped (jointly funded by DST &MOW) | MOW -S&TM | Rao,B.S.,Shri<br>Composite Product Centre<br>DRDL, Vignyana Kancha Post<br>Hyderabad-500269, Andhra Pradesh | 147.95 | 48 |
| 1050 | Utilisation of the technology of modular below knee prosthesis | MOW -S&TM | Rout,S.,Shri<br>National Institute of Rehabilitation<br>Training & Research<br>Olatpur, Bairoi<br>Cuttack-754010, Orissa | 1.70 | 12 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1051 | Mass transportation system requirements in Delhi for 2001 A.D. PhaseII | UGC -MJRP | Jain,S.S.,Dr.<br>Department of Civil Engineering<br>Roorkee University<br>Roorkee-247667, Uttar Pradesh | 2.66 | 36 |
| 1052 | Computer simulation of fluid mechanics laboratory experiments | UGC -MJRP | Rao,V.P.,Dr.<br>Department of Fluid Dynamics<br>Thapar Institute of Engineering & Technology<br>Patiala-160014, Punjab | 1.28 | 36 |
| 1053 | Microwave irradiation and plymers supported reagents for synthesis analysis and seperation of heterocyclic compounds | UGC -MJRP | Raju,P.V.N.,Dr.<br>Department of Chemical Engineering<br>S.R.K.R. Engineering College<br>Bhimavaram-534201, Andhra Pradesh | 1.86 | 36 |
| 1054 | Environmental pollution of Kolleru lake and its control by conventional and non conventional methods | UGC -MJRP | Reddy,S.R.,Dr.<br>Department of Chemical Engineering<br>S.R.K.R. Engineering College<br>Bhimavaram-534201, Andhra Pradesh | 2.11 | 36 |
| 1055 | Studies on fluidized bed moving electrode system | UGC -MJRP | Subba Raju,R.V.,Prof.<br>Department of Chemical Engineering<br>Andhra University<br>Visakhapatnam-530003, Andhra Pradesh | 2.71 | 36 |
| 1056 | Studies of corrosion of different engineering material including composite in various environs and realiabilty concentration | UGC -MJRP | Sujatha,V.,Prof.<br>Department of Chemical Engineering<br>Andhra University<br>Visakhapatnam-530003, Andhra Pradesh | 2.77 | 36 |
| 1057 | Studies on desorption in a packed bed of moleculal sieves using imbedded electrical heaters | UGC -MJRP | Kumar,S.,Dr.<br>Department of Chemical Engineering<br>Roorkee University<br>Roorkee-247667, Uttar Pradesh | 2.56 | 36 |
| 1058 | Design and development of a fast responding parameter monitor for power network | UGC -MJRP | Tiwari,P.S.,Dr.<br>Department of Electronic & Communication Engg.<br>Jai Narain Vyas University<br>Jodhpur-342001, Rajasthan | 1.95 | 36 |
| 1059 | Delta modulated uninterruptible power supply system | UGC -MNRP | Reddy,A.,Dr.<br>Department of Electrical Engineering<br>Gitam College of Engineering<br>Visakhapatnam-500003, Andhra Pradesh | 0.19 | 24 |
| 1060 | Rare earth luminescence in Na2So4 | UGC -MNRP | Bodade,S.V.,Dr.<br>Department of Engineering & Technology<br>L.A.D. College<br>Nagpur, Maharashtra | 0.32 | 24 |



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# BROAD SUBJECT AREA : MATHEMATICS

| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1061 | Generalised inverse of matrices and applications | CSIR-ES | Mitra,S.K.,Dr.<br>Indian Statistical Institute<br>7, S.J.S., Sansanwal<br>New Delhi-110016, Delhi | 3.43 | 36 |
| 1062 | Programme of research in applied scientometrics | CSIR-ES | Nagpaul,P.S.,Mr.<br>205 D, MIG Flats, Rajouri Garden<br>New Delhi-110027, Delhi | 3.40 | 36 |
| 1063 | Knowledge based computing | CSIR-ES | Majumdar,D.K.D.,Dr.<br>Indian Statistical Institute<br>N.C.F. Knowledge Based Computers<br>Calcutta-700035, West Bengal | 3.43 | 36 |
| 1064 | Higer dimensional universes in alternatives theories of gravity | CSIR-EXTRM | Reddy,D.R.,Dr.<br>Department of Applied Mathematics<br>Andhra University<br>Visakhapatnam-530003, Andhra Pradesh | 2.19 | 36 |
| 1065 | Controllability of functional differential systems | CSIR-EXTRM | Balachandran,K.,Dr.<br>Department of Mathematics<br>Bharathiar University<br>Coimbatore-641046, Tamil Nadu | 1.96 | 36 |
| 1066 | Study of invariance of topological structures | CSIR-EXTRM | Jayanathan,A.J.,Dr.<br>Department of Mathematics<br>Goa University<br>Panaji-403202, Goa | 0.60 | 36 |
| 1067 | Computational analysis of some bulk and non-bulk queuing models and development of software packages | CSIR-EXTRM | Gupta,U.C.,Dr.<br>Department of Mathematics<br>Indian Institute of Technology, Kharagpur<br>Kharagpur-721302, West Bengal | 1.25 | 36 |
| 1068 | Nonlinear instabilities and chaos in magnetic fluids | CSIR-EXTRM | Malik,S.K.,Dr.<br>Centre for Advanced Studies in Mathematics<br>Punjab University<br>Chandigarh-160014, Chandigarh | 6.75 | 36 |
| 1069 | Stein-rule estimation in the dynamic models | CSIR-EXTRM | Chaturvedi,A.,Dr.<br>Department of Mathematics & Statistics<br>Allahabad University<br>Allahabad-211002, Uttar Pradesh | 0.60 | 36 |
| 1070 | Heat and mass transfer in OFD and MFD flow past bodies and in jets | CSIR-EXTRM | Bansal,J.L.,Dr.<br>Department of Mathematics<br>Rajasthan University<br>Jaipur-302004, Rajasthan | 2.30 | 36 |



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BROAD SUBJECT AREA : MATHEMATICS

| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1071 | Analysis and optimization of stochastic systems | DAE -NBHM | Borkar,V.S.,Prof.<br>Department of Electrical Engineering<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 0.42 | 36 |
| 1072 | Algorithmic complexity in graph theory | DAE -NBHM | Choudum,S.A.,Dr.<br>School of Mathematics<br>Madurai Kamaraj University<br>Madurai-625021, Tamil Nadu | 1.14 | 36 |
| 1073 | Some problems in ring theory : module analogues of ring theoretic results | DAE -NBHM | Rege,M.B.,Prof.<br>Department of Mathematics<br>North Eastern Hill University<br>Bijni Complex, Laitumkhrah<br>Shillong-793003, Meghalaya | 1.56 | 36 |
| 1074 | Some problems in linear systems over rings | DAE -NBHM | Sharma,P.K.,Prof.<br>Department of Mathematics<br>Devi Ahilya Vishwavidyalaya<br>Khandwa Road<br>Indore-452001, Madhya Pradesh | 1.86 | 36 |
| 1075 | Partial differential equations and numerical analysis | DAE -NBHM | Prasad,P.,Prof.<br>Department of Mathematics<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 3.68 | 60 |
| 1076 | On optimization for queueing and reliability models | DST -YS | Jain,M.,Dr.<br>Department of Mathematics<br>D.A.V. (PG) College, Dehradun<br>Dehradun-248001, Uttar Pradesh | 1.32 | 24 |
| 1077 | Operation research for inventory control - the gap between theory and practice | UGC -MJRP | Sarma,K.V.S.,Dr.<br>Department of Statistics<br>Sri Venkateswara University<br>Tirupati-517502, Andhra Pradesh | 1.26 | 36 |
| 1078 | The role of groundnut cultivation and coconut based industry in the rural development of Andhra Pradesh | UGC -MJRP | Reddy,M.V.,Dr.<br>Department of Statistics<br>Sri Venkateswara University<br>Tirupati-517502, Andhra Pradesh | 2.06 | 36 |
| 1079 | Empirical and conditional empirical processes under dependence with application to problems of statistical inference | UGC -MJRP | Rao,S.,Prof.<br>Department of Statistics<br>Osmania University<br>Hyderabad-500007, Andhra Pradesh | 1.59 | 36 |
| 1080 | Stochastic and denometric approaches to demographic problems with special focus on population control | UGC -MJRP | Venugopalacharyulu,,Prof.<br>Department of Statistics<br>Sri Venkateswara University<br>College of Arts & Sciences<br>Tirupati-517502, Andhra Pradesh | 2.37 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1081 | Linear and coanvexity concepts in geometric function theory | UGC -MJRP | Mishra,A.K.,Dr.<br>Department of Mathematics<br>Berhampur University<br>Berhampur-760007, Orissa | 1.26 | 36 |
| 1082 | Some studies on nonlinear waves in the atmosphere | UGC -MJRP | Bagchi,B.,Dr.<br>Department of Mathematics<br>Vidyasagar University<br>Midnapore-721101, West Bengal | 1.25 | 36 |
| 1083 | Theoretical studies in fluid film lubrication | UGC -MJRP | Bujurke,N.M.,Dr.<br>Department of Mathematics<br>Karnatak University<br>Dharwad-580003, Karnataka | 1.31 | 36 |
| 1084 | Theory of quadratic operators | UGC -MJRP | Reddy,N.G.,Dr.<br>Department of Mathematics<br>Osmania University<br>Hyderabad-500007, Andhra Pradesh | 1.25 | 36 |
| 1085 | Ordered algebraic structures applications to linear and combinational optimization problems | UGC -MJRP | Hanumanthacharia,,Prof.<br>Department of Mathematics<br>Sri Venkateswara University<br>Tirupati-517502, Andhra Pradesh | 1.31 | 36 |
| 1086 | Near rings of transformation and their applications | UGC -MJRP | Rao,P.G.,Prof.<br>Department of Mathematics<br>Nagarjuna University<br>Nagarjunanagar<br>Guntur-522510, Andhra Pradesh | 1.16 | 36 |
| 1087 | Homogeneous and inhomogeneous models of the universe and cosmic strings | UGC -MJRP | Singh,T.,Dr.<br>Department of Mathematics<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 0.60 | 36 |
| 1088 | Some estimation procedure and their optimality | UGC -MNRP | Zaidi,S.M.H.,Shri<br>Department of Statistics<br>Shia Degree College<br>Lucknow-226001, Uttar Pradesh | 0.15 | 24 |
| 1089 | From statstical quality control to total quality management for progress and development | UGC -MNRP | Kapoor,S.,Dr.<br>Department of Statistics<br>Hindu College, Delhi<br>Delhi University Campus<br>Delhi-110007, Delhi | 0.15 | 24 |
| 1090 | Harmonic analysis and representation theory on hypergroups | UGC -MNRP | Kumar,A.,Dr.<br>Department of Mathematics<br>Rajdhani College<br>New Delhi, Delhi | 0.15 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1091 | Regular near rings - a critical out look | UGC -MNRP | Murthy,C.V.N.,Shri<br>Department of Mathematics<br>A.P.R. Degree College<br>Nagarjunsagar<br>Guntur-522001, Andhra Pradesh | 0.15 | 24 |
| 1092 | Mathematical study of temperature variation in human skin and subdermal tissues under varying environmental and physiological conditions | UGC -MNRP | Tripathi,D.,Shri<br>Department of Mathematics<br>Government College, Daman<br>Daman-396210, Daman and Diu | 0.15 | 24 |
| 1093 | Transportation problems | UGC -MNRP | Bandopadhyaya,L.,Mrs.<br>Department of Mathematics<br>Deshbandhu College<br>New Delhi, Delhi | 0.15 | 24 |
| 1094 | Study of certain integral transform of generalised function and applications | UGC -MNRP | Agarwal,N.K.,Dr.<br>Department of Mathematics<br>Marwari College<br>Ranchi-834001, Bihar | 0.15 | 24 |
| 1095 | Propagation of shock waves in stellar interiors | UGC -MNRP | Pandey,D.S.,Dr.<br>Department of Mathematics<br>S.C. College<br>Ballia-854208, Bihar | 0.15 | 24 |
| 1096 | A study of basic hypergeometric functions and their applications | UGC -MNRP | Parihar,C.L.,Dr.<br>Department of Mathematics<br>Holkar Science College<br>Indore-452001, Madhya Pradesh | 0.15 | 24 |
| 1097 | Range cyclic operator algebras | UGC -MNRP | Agarwal,P.B.,Ms.<br>Department of Mathematics<br>Kirori Mal College<br>Delhi University Campus<br>Delhi-110007, Delhi | 0.15 | 24 |
| 1098 | On studies of numerical aspects of ocean atmosphere coupled models | UGC -MNRP | Dhar,R.,Shri<br>Department of Mathematics<br>S.A. Jaipuria College<br>10 R.N. Krishna Street<br>Calcutta, West Bengal | 0.15 | 24 |
| 1099 | On four formulas due to Srinivasa Ramanujan involving products of hypergeometrifunctions and their generalizations | UGC -MNRP | Rathie,A.K.,Dr.<br>Department of Mathematics<br>Dungar Autonomous College<br>Bikaner-334001, Rajasthan | 0.15 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1100 | Mathematical programming | UGC -MNRP | Gupta,R.,Mrs.<br>Department of Mathematics<br>Saheed Bhagat Singh College<br>Sheikh Sarai-II<br>New Delhi, Delhi | 0.15 | 24 |
| 1101 | Almost cartan hamilton geometry | UGC -MNRP | Kumar,S.,Dr.<br>Department of Mathematics<br>T.D. College<br>Jaunpur-222001, Uttar Pradesh | 0.15 | 24 |
| 1102 | A mathmatical study of some physio-logical problems | UGC -MNRP | Saral,R.N.,Shri<br>Department of Mathematics<br>D.A.V. (PG) College, Dehradun<br>Dehradun-248001, Uttar Pradesh | 0.19 | 24 |
| 1103 | A study in summability problems of ortho-gonal expansion | UGC -MNRP | Khare,S.P.,Shri<br>Department of Mathematics<br>College of Science, Allahabad<br>Bharwari<br>Allahabad-211001, Uttar Pradesh | 0.15 | 24 |
| 1104 | Numerical solutions of some population models | UGC -MNRP | Sharma,P.K.,Dr.<br>Department of Mathematics<br>D.A.V. (PG) College, Dehradun<br>Dehradun-248001, Uttar Pradesh | 0.19 | 24 |
| 1105 | Applications of fuzzy sets in algebraic structures | UGC -MNRP | Ray,S.,Shri<br>Department of Mathematics<br>Zakir Husain College<br>Delhi-110006, Delhi | 0.15 | 24 |
| 1106 | Theoretical studies on the effect of rou-ghness on lubrication | UGC -MNRP | Gupta,J.L.,Shri<br>Department of Mathematics<br>B.V.M. (Engg) College<br>Vallabh Vidyanagar-388120, Gujarat | 0.15 | 24 |



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# BROAD SUBJECT AREA : MEDICAL SCIENCES

| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1107 | Pharmacological studies on drugs used in Indian traditional systems of medicine for hepatoprotection and wound healing | CSIR-ES | Dhawan,B.N.,Dr.<br>Central Drug Research Institute<br>Chattar Manzil<br>Lucknow-226001, Uttar Pradesh | 3.43 | 36 |
| 1108 | Development of retina in man | CSIR-EXTRM | Wadhwa,S.,Dr.<br>Department of Anatomy<br>All India Institute of Medical Sciences<br>Ansari Nagar<br>New Delhi-110029, Delhi | 9.05 | 36 |
| 1109 | Study of mycobacterial antigens immunogenic in non-tuberculous individuals | CSIR-EXTRM | Prasad,H.K.,Dr.<br>Department of Biotechnology<br>All India Institute of Medical Sciences<br>Ansari Nagar<br>New Delhi-110029, Delhi | 6.76 | 36 |
| 1110 | In vitro and in vivo evaluation of potential indigenous immiunomodulators | CSIR-EXTRM | Agarwal,S.S.,Dr.<br>Department of Immunology & Genetics<br>Sanjay Gandhi P.G. Institute of Medical Sciences<br>Rae Bareli Road, Uttrathia<br>Lucknow-226001, Uttar Pradesh | 7.40 | 36 |
| 1111 | Drug induced bilirubin displacement - a study of the molecular basis of drug induced bilirubin displacement from albumin | CSIR-EXTRM | Qasim,M.A.,Dr.<br>Department of Biochemistry<br>Jawaharlal Nehru Medical College<br>Aligarh Muslim University<br>Aligarh-202002, Uttar Pradesh | 4.90 | 36 |
| 1112 | A study of cell kinetics and alterations of the c-myc gene and its oncoprotein in primary human brain tumors | CSIR-EXTRM | Sarkar,C.,Dr.<br>Department of Pathology<br>All India Institute of Medical Sciences<br>Ansari Nagar<br>New Delhi-110029, Delhi | 9.58 | 36 |
| 1113 | Study of immune mechanisms in the pathogenesis of and protection against tuberculosis | CSIR-EXTRM | Srivastava,L.M.,Dr.<br>Department of Biochemistry<br>All India Institute of Medical Sciences<br>Ansari Nagar<br>New Delhi-110029, Delhi | 4.06 | 36 |
| 1114 | Isolation and characterization of 'porins' (outer membrane transporting proteins) in cup-I mutants of Escherichia coli K-12 | DAE -BRNS | Saxena,R.K.,Dr.<br>Department of Microbiology<br>Delhi University<br>South Campus<br>New Delhi-110021, Delhi | 4.59 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1115 | Isolation and characterization of EcoP1 restriction enzyme | DAE -BRNS | Rao,D.N.,Dr.<br>Department of Biochemistry<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 3.89 | 36 |
| 1116 | Molecular analysis of glucosamine-6 phosphate deaminase gene from Candida alhicans | DAE -BRNS | Datta,A.,Dr.<br>Department of Biochemistry<br>Jawaharlal Nehru University<br>New Delhi-110067, Delhi | 7.06 | 36 |
| 1117 | Neuroblast-specific gene expression in normal and abnormal morphogenesis | DAE -BRNS | Modak,S.P.,Dr.<br>Department of Zoology<br>Poona University<br>Pune-411007, Maharashtra | 3.45 | 36 |
| 1118 | Characterization of oncogene yes homologur in Drosophila melanogaster | DAE -BRNS | Deobagkar,D.N.,Dr.<br>Department of Zoology<br>Poona University<br>Pune-411007, Maharashtra | 4.72 | 36 |
| 1119 | Studies on the non-structural protein 3 (NS3) the putative protease in Japanese encephalitis virus | DAE -BRNS | Vijaya,S.,Dr.<br>Indian Institute of Science<br>Bangalore-560012,Karnataka | 4.38 | 36 |
| 1120 | Isolation and characterization of a transiently appearing endometrical adhesion molecule (EAM) in mouse | DAE -BRNS | Pradeep Kumar,G.,Dr.<br>School of Life Sciences<br>Devi Ahilya Vishwavidyalaya<br>Khandwa Road<br>Indore-452001, Madhya Pradesh | 6.68 | 36 |
| 1121 | Mechanism of nifD element excision of Heterocystous cyanobacteria Anabaena sp. strain PCC 7120 | DAE -BRNS | Nareshkumar,G.,Dr.<br>Department of Biochemistry<br>M.S. University of Baroda<br>Vadodara<br>Baroda-390002, Gujarat | 4.37 | 36 |
| 1122 | Mechanism of matagenic action of dietary furans | DAE -BRNS | Hadi,S.M.,Dr.<br>Department of Biochemistry<br>Aligarh Muslim University<br>Aligarh-202002, Uttar Pradesh | 4.38 | 36 |
| 1123 | Immunoprophylatic mycobacterial mannophosphoinositides encapsulated in diposomes | DAE -BRNS | Khuller,G.K.,Dr.<br>Department of Biochemistry<br>P.G. Institute of Medical Education & Research<br>Chandigarh-160012, Chandigarh | 4.27 | 36 |
| 1124 | Purification, characterization and comparison of hepatic isozyme of cytochrome P -450 induced by lindane in rat and rhesus monkey | DAE -BRNS | Kohli,K.K.,Dr.<br>Department of Biochemistry<br>P.G. Institute of Medical Education & Research<br>Chandigarh-160012, Chandigarh | 5.20 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1125 | Mapping of isozyme and morphological trait logi in chickpea (Cicer arietimum L.) | DAE -BRNS | Gaur,P.M.,Dr.<br>Jawaharlal Nehru Krishi Vishwavidyalaya<br>Jabalpur-482004,Madhya Pradesh | 3.50 | 36 |
| 1126 | Thyroid hormone concentration in relation to stage of lactation in crossbred cows | DAE -BRNS | Deshmukh,B.T.,Dr.<br>Department of Physiology<br>Bombay Veterinary College<br>Parel<br>Bombay-400012, Maharashtra | 0.05 | 36 |
| 1127 | Application of biochemical markers in diagnosis and management of patients with head and neck malignancies | DAE -BRNS | Patel,P.S.,Dr.<br>Department of Cancer Biology<br>Gujarat Cancer Research Institute<br>Asarwa<br>Ahmedabad-380016, Gujarat | 1.87 | 36 |
| 1128 | Protein interaction that precede the migration of the goat uterine receptor estrogen complex from the cytoplasm to the nucleus | DAE -BRNS | Thampan,R.V.,Dr.<br>School of Life Sciences<br>Hyderabad University<br>Hyderabad-500134, Andhra Pradesh | 4.75 | 36 |
| 1129 | Recombination functions in the polyploid diazotroph Azetobactar vinelandil | DAE -BRNS | Das,H.K.,Dr.<br>Centre for Biotechnology<br>Jawaharlal Nehru University<br>New Delhi-110067, Delhi | 5.23 | 36 |
| 1130 | Role of SPECT in diagnosis and prognosis in epilepsy | DAE -BRNS | Kshirsagar,,Dr.<br>Department of Pharmacology<br>Seth G.S. Medical College<br>Bombay-400012, Maharashtra | 3.49 | 36 |
| 1131 | Studies on the ractivation of protein by ribosomes | DAE -BRNS | Dasgupta,C.K.,Dr.<br>Department of Biophysics<br>University College of Science, Calcutta<br>92, A.P.C. Road<br>Calcutta-700009, West Bengal | 9.90 | 36 |
| 1132 | Studies on membrane cholesterol induced modification of platlet metabolism | DAE -BRNS | Kaul,D.,Dr.<br>Department of Experimental Medicine<br>P.G. Institute of Medical Education & Research<br>Chandigarh-160012, Chandigarh | 3.98 | 36 |
| 1133 | Studies in upstream areas of embryo biochnology for augmenting production in Bovine_ | DBT -CRP | Madan,M.L.,Dr.<br>National Dairy Research Institute<br>Karnal-132001,Haryanß | 153.90 | 60 |
| 1134 | Research in developmental neurobiology | DBT -CRP | Bijlani,V.,Dr.<br>All India Institute of Medical Sciences<br>Ansari Nagar<br>New Delhi-110029, Delhi | 21.77 | 60 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1135 | Studies on the molecular mechanisms of pathogenesis of cholera with special emphasis on the cause of residual diarrhoea by live oral attenuated candidate vaccine strains of Vibrio cholerae | DBT -CRP | Bachhawat,B.K.,Dr.<br>Department of Biochemistry<br>Delhi University<br>South Campus, Bioinformatics Centre<br>New Delhi-110021, Delhi | 15.95 | 36 |
| 1136 | Studies on the molecular mechanisms of pathogenesis of cholera with special emphasis on the cause of residual diarrhoea by live oral attenuated vaccine strains of Vibrio cholerae | DBT -CRP | Ghosh,R.K.,Dr.<br>Molecular Biology Laboratory<br>Indian Institute of Chemical Biology<br>4, Raja S.C. Mullick Road<br>Calcutta-700032, West Bengal | 15.55 | 36 |
| 1137 | Studies on the molecular mechanisms of pathogenesis of cholera with special emphasis on the cause of residual diarrhoea by live oral attennuated candidate vaccine strains of Vibrio cholerae | DBT -CRP | Ghosh,A.,Dr.<br>Institute of Microbial Technology<br>Sector 39 A, Post Box No. 1304<br>Chandigarh-160014, Chandigarh | 22.30 | 36 |
| 1138 | Studies on the molecular mechanisms of pathogenesis of cholera with special emphasis on the cause of residual diarrhoea by live oral attnnuated candidate vaccine strains of Vibrio cholrae | DBT -CRP | Srivastava,B.S.,Dr.<br>Division of Microbial Genetics<br>Central Drug Research Institute<br>Chattar Manzil<br>Lucknow-226001, Uttar Pradesh | 8.62 | 36 |
| 1139 | Development of a nonreplicating vaccine against cholera based on protective antigens of Vibrio cholerae | DBT -CRP | Singh,Y.,Dr.<br>CSIR Centre for Biochemicals<br>Mall Road, University Campus<br>Delhi-110007, Delhi | 11.19 | 19 |
| 1140 | Development of a nonreplicating vaccine against cholerae based on protective antigens of Vibrio cholerae | DBT -CRP | Ghosh,A.C.,Prof.<br>Department of Microbiology<br>Bose Institute<br>P-1/12, C.I.T. Scheme VIIM, Kankurgachi<br>Calcutta-700054, West Bengal | 11.11 | 36 |
| 1141 | Characterization of immunological response in hepatitis E virus infection | DBT -CRP | Naik,S.R.,Dr.<br>Department of Gastroenterology<br>Sanjay Gandhi P.G. Institute of Medical Sciences<br>Rae Bareli Road, Uttrathia<br>Lucknow-226001, Uttar Pradesh | 8.38 | 36 |
| 1142 | Production of glycan specific monoclonal antibodies to cancer marker glycoproteins and glycolipids for their application to the diagnosis of human tumors | DBT -CRP | Yogeeswaran,G.,Dr.<br>Centre for Biotechnology<br>Anna University<br>Guindy Campus<br>Madras-600025, Tamil Nadu | 12.22 | 24 |
| 1143 | Malaria : parasite bank and diagnostic approaches | DBT -CRP | Sharma,V.P.,Dr.<br>Malaria Research Centre<br>22, Sham Nath Marg<br>Delhi-110054, Delhi | 113.13 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1144 | A nonlinear dynamical study of transitio-nal processes of brain activity using sleep data | DBT -CRP | Pradhan,N.,Dr.<br>National Institute of Mental Health & Neuro Sciences<br>Hosur Road<br>Bangalore-560029, Karnataka | 22.68 | 36 |
| 1145 | The role of human pappillomavirus and tu- mour suppressor genes during develop-ment of cancer of the uterine cervix | DBT -CRP | Das,B.C.,Dr.<br>Department of Molecular Oncology<br>Institute of Cytology & Preventive Oncology<br>M.A.M.C. Campus, Bahadur Shah Zafar Marg<br>New Delhi-110002, Delhi | 18.25 | 60 |
| 1146 | Dynamical modelling of higher functions of brain as inferred from evoked response in encephalograms | DBT -CRP | Parikh,C.J.,Shri<br>Physical Research Laboratory<br>Ahmedabad-380009,Gujarat | 8.87 | 48 |
| 1147 | To study the influence of sleep-wakeful ness inducing brain areas on REM generat-ing area neuronal activity and their resp-onsiveness to REM deprivation in freely moving animals | DBT -CRP | Mallick,B.M.,Dr.<br>School of Life Sciences<br>Jawaharlal Nehru University<br>New Delhi-110067, Delhi | 21.58 | 48 |
| 1148 | Bioactive substances from sponges of Orissa coast | DOD -MRDF | Bapuji,M.,Dr.<br>Regional Research Laboratory, Bhubaneswar<br>Bhubaneswar-751013,Orissa | 10.65 | 36 |
| 1149 | A qualitative study of the leadership process in R&D teams | DRDO-GIA | Shantamani,V.S.,Dr.<br>Indian Institute of Science<br>Bangalore-560012,Karnataka | 0.20 | 18 |
| 1150 | A psycho-social study of alienation amongst Indian youth | DRDO-GIA | Kapur,R.L.,Dr.<br>National Institute of Advanced Studies<br>Indian Institute of Science Campus<br>Bangalore-560012, Karnataka | 9.90 | 24 |
| 1151 | Microbial biosynthesis of therapeutic steroids especially for comating stress in armed forces personnel | DRDO-GIA | Singh,R.P.,Dr.<br>Department of Bioscience<br>Roorkee University<br>Roorkee-247667, Uttar Pradesh | 2.97 | 24 |
| 1152 | Cellular basis of myocardial injury by C e in Mg deficiency | DST -SERC | Shivakumar,K.,Dr.<br>Sree Chitra Tirunal Inst. for Medical Science & Technology<br>Thiruvananthapuram-695011,Kerala | 5.69 | 36 |
| 1153 | Disposition and metabolism of drugs used in tropical infectious diseases | DST -SERC | Krishna,D.R.,Dr.<br>Nizam's Institute of Medical Sciences<br>Punjagutta<br>Hyderabad-500482, Andhra Pradesh | 14.98 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1154 | Higher mental functions, fine motor coordination and electroencephalographic pattern in rural children living in chronic malnutrition and study of possible mechanisms in animal model | DST -SERC | Agarwal,K.N.,Prof.<br>Sanjay Gandhi P.G. Institute of Medical Sciences<br>Rae Bareli Road, Uttrathia<br>Lucknow-226001, Uttar Pradesh | 8.49 | 36 |
| 1155 | Neural transplantation studies in the spinal cord of bonnet monkey (Macaca radiata) | DST -SERC | Muthusamy,P.,Dr.<br>Department of Anatomy<br>P.G. Institute of Basic Medical Sciences<br>Taramani<br>Madras-600013, Tamil Nadu | 5.55 | 36 |
| 1156 | Biochemical and biological characterisation of a murine teratocarcinoma derived from neurotrophic factor | DST -SERC | Lalita,V.S.,Dr.<br>Department of Neurooncology Unit<br>Cancer Research Institute<br>Tata Memorial Centre<br>Bombay-400012, Maharashtra | 16.46 | 36 |
| 1157 | Radiopharmaceuticals for renal disorder diagnosis : molecular basis of drug design and tissue targetting | DST -SERC | Banerjee,S.,Dr.<br>Department of Nuclear Medicine<br>Indian Institute of Chemical Biology<br>4, Raja S.C. Mullick Road<br>Calcutta-700032, West Bengal | 10.35 | 36 |
| 1158 | Studies on the relationship of leprosy bacillus with the nocardioform chemoautotrophic bacteria isolated from infective human and animal leprosy tissues | DST -SERC | Chakrabarty,A.N.,Prof.<br>Department of Medical Microbiology & Parasitology<br>Calcutta University<br>University College of Medicine<br>Calcutta-700020, West Bengal | 3.48 | 36 |
| 1159 | Biochemical markers and determinants of diabetic angiopathy | DST -SERCYS | Virmani,A.,Dr.<br>Department of Endocrinology & Metabolism<br>All India Institute of Medical Sciences<br>Ansari Nagar<br>New Delhi-110029, Delhi | 2.79 | 24 |
| 1160 | Pancreatic beta cell dysfunction/destruction studies with pentamidine model | DST -YS | Shah,M.H.,Dr.<br>Department of Endocrinology<br>All India Institute of Medical Sciences<br>Ansari Nagar<br>New Delhi-110029, Delhi | 3.50 | 24 |
| 1161 | Doppler ultrasonographic studies of superficial tumors | DST -YS | Kumar,K.,Dr.<br>Department of Surgery<br>Banaras Hindu University<br>Institute of Medical Sciences<br>Varanasi-221005, Uttar Pradesh | 1.39 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1162 | Etiology, clinical presentation & management of injuries due to mechanised farming in rural population of northern India | ICMR-ADHOC | Srivastava,V.K.,Dr.<br>Department of Social & Preventive Medicine<br>K.G. Medical College<br>Lucknow-226003, Uttar Pradesh | 0.28 | 12 |
| 1163 | Human sexual differentiation - basic aspects | ICMR-ADHOC | Sabherwal,U.,Dr.<br>Department of Anatomy<br>All India Institute of Medical Sciences<br>Ansari Nagar<br>New Delhi-110029, Delhi | 0.05 | 24 |
| 1164 | Relationship of toxin production with biochemical factors of virulence of S typhimurium & mechanism of action of S typhimurium toxin | ICMR-ADHOC | Ganguly,N.K.,Dr.<br>Department of Experimental Medicine<br>P.G. Institute of Medical Education & Research<br>Chandigarh-160012, Chandigarh | 0.42 | 36 |
| 1165 | Purification and characterization of microbial inhibitors of elastase and preparation of elastase toxoids | ICMR-ADHOC | Gupta,K.G.,Dr.<br>Department of Microbiology<br>Punjab University<br>Chandigarh-160014, Chandigarh | 0.08 | 36 |
| 1166 | Studies on a membrane glycoprotein which causes anorexia | ICMR-ADHOC | Kidwai,A.M.,Dr.<br>Biomembrane Laboratory<br>Industrial Toxicology Research Centre<br>Mahatma Gandhi Marg<br>Lucknow-226001, Uttar Pradesh | 0.26 | 36 |
| 1167 | Characterization & reconstitution of hepatic cytochrome p-450 & NADPH cytochrome c reductase induced by dexamaethasone in rhesus monkey | ICMR-ADHOC | Kohli,K.K.,Dr.<br>Department of Biochemistry<br>P.G. Institute of Medical Education & Research<br>Chandigarh-160012, Chandigarh | 0.50 | 24 |
| 1168 | Developmental and functional aspects of brain lectins from prenatal human brain and postnatal rat brain | ICMR-ADHOC | Mahajan,R.G.,Dr.<br>Division of Fundamental Biochemistry<br>Indian Institute of Chemical Biology<br>4, Raja S.C. Mullick Road<br>Calcutta-700032, West Bengal | 0.18 | 24 |
| 1169 | Histogenesis of cardiac myxoma - an immunohistochemical ultrastructural & histol-ogical evaluation | ICMR-ADHOC | Chopra,P.,Dr.<br>Department of Pathology<br>All India Institute of Medical Sciences<br>Ansari Nagar<br>New Delhi-110029, Delhi | 0.21 | 12 |
| 1170 | Advantages of a simple & cheaper antiplatelet agent in patients following valve replacement for severe rheumatic valvular disease in India | ICMR-ADHOC | John,S.,Dr.<br>Manipal Hospital<br>98, Rustom Bagh, Airport Road<br>Bangalore-560017, Karnataka | 0.24 | 12 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1171 | Effect of yogic intervention on risk factors in coronary heart disease (pilot study) | ICMR-ADHOC | Sachdeva,U.,Dr.<br>Department of Physiology<br>All India Institute of Medical Sciences<br>Ansari Nagar<br>New Delhi-110029, Delhi | 1.33 | 24 |
| 1172 | Beta-lactam antibiotics and shigella : characterization of beta lactam-interactive proteins | ICMR-ADHOC | Lundu,M.,Dr.<br>Department of Chemistry<br>Bose Institute<br>93/1, A.P.C. Road<br>Calcutta-700009, West Bengal | 0.39 | 36 |
| 1173 | To test the correlation between nutrition, DNA-repair and aging in humans | ICMR-ADHOC | Rao,K.S.,Prof.<br>School of Life Sciences<br>Hyderabad University<br>Hyderabad-500134, Andhra Pradesh | 0.61 | 24 |
| 1174 | A study on the factors influencing the acceptance of a small family concept amongst the slum dwellers in the metropolitan city of Calcutta | ICMR-ADHOC | Basu,R.,Dr.<br>Indian Institute of Bio-Behavioural Sciences<br>155-A, Acharya J.C. Road<br>Calcutta-700014, West Bengal | 1.30 | 24 |
| 1175 | Cytogenetic and DNA studies in gonadal dysgenesis | ICMR-ADHOC | Kucheria,K.,Dr.<br>Department of Anatomy<br>All India Institute of Medical Sciences<br>Ansari Nagar<br>New Delhi-110029, Delhi | 0.57 | 12 |
| 1176 | Studies on the sperm membrane in normal and infertile male | ICMR-ADHOC | Rajalakshmi,M.,Dr.<br>Department of Reproductive Biology<br>All India Institute of Medical Sciences<br>Ansari Nagar<br>New Delhi-110029, Delhi | 1.72 | 24 |
| 1177 | Comparative evaluation of autogenous venous graft and synthetic vascular prosthesis in traumatic arterial repair | ICMR-ADHOC | Dave,P.K.,Dr.<br>Department of Orthopaedics<br>All India Institute of Medical Sciences<br>Ansari Nagar<br>New Delhi-110029, Delhi | 1.31 | 24 |
| 1178 | Study of haemorheological parameters in cerebrovascular ischaemia as compared to normal controls | ICMR-ADHOC | Khanna,H.D.,Dr.<br>Department of Biophysics<br>Banaras Hindu University<br>Institute of Medical Sciences<br>Varanasi-221005, Uttar Pradesh | 0.25 | 24 |
| 1179 | Role of procoagulant fibrinolytic and platelet proaggregating activities in tumor metastasis | ICMR-ADHOC | Marwaha,N.,Dr.<br>Department of Haematology<br>P.G. Institute of Medical Education & Research<br>Chandigarh-160012, Chandigarh | 0.71 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1180 | Production and characterization of antibodies against estradiol-albumin and estradiol-albumin-DNA conjugates and role in pathogenesis of SLE | ICMR-ADHOC | Ali,A.,Dr.<br>Department of Biochemistry<br>Aligarh Muslim University<br>Jawaharlal Nehru Medical College<br>Aligarh-202002, Uttar Pradesh | 0.31 | 24 |
| 1181 | Studies on the acid-fast nocardioform chemoautotrophic bacteria isolated from human and animal tissues infected with leprosy bacillus | ICMR-ADHOC | Chakrabarty,A.N.,Prof.<br>Department of Medical Microbiology & Parasitology<br>Calcutta University<br>University College of Medicine<br>Calcutta-700020, West Bengal | 0.22 | 12 |
| 1182 | Studies on the immune reactivity to M. Leprae antigens of the contact population in a leprosy endemic area | ICMR-ADHOC | Muthukkaruppan,V.R.,Dr.<br>Department of Immunology<br>Madurai Kamaraj University<br>School of Biological Sciences<br>Madurai-625021, Tamil Nadu | 1.08 | 24 |
| 1183 | Erythrocyte protective mechanisms against oxidative injury and calcium imbalance following Plasmodium falciparum infection | ICMR-ADHOC | Ganguly,N.K.,Dr.<br>Department of Experimental Medicine<br>P.G. Institute of Medical Education & Research<br>Chandigarh-160012, Chandigarh | 0.30 | 24 |
| 1184 | An indepth longtudinal study of development of high risk neonates from 3-6 years | ICMR-ADHOC | Chaudhari,S.,Dr.<br>Department of Paediatrics<br>King Edward Memorial Hospital Research Centre<br>Rasta Peth, Sardar Modliar Road<br>Pune-411011, Maharashtra | 0.47 | 24 |
| 1185 | Intrauterine infections in the neonates epidemiology, incidence, clinical spectrum and outcome | ICMR-ADHOC | Deorari,A.K.,Dr.<br>Department of Paediatrics<br>All India Institute of Medical Sciences<br>Ansari Nagar<br>New Delhi-110029, Delhi | 0.81 | 24 |
| 1186 | Study of family welfare services in the tribal area of khammam district (ITDA) of Andhra Pradesh | ICMR-ADHOC | Eswaraiah,G.,Dr.<br>Department of Anthropology<br>Centre for Social Development<br>12-10-363/4, Medi Bavi, Sitapalmandi<br>Secunderabad-500361, Andhra Pradesh | 0.19 | 6 |
| 1187 | Comparison of safety and accuracy of chorion villus sampling by transcervical and transabdominal routes for prenatal diagnosis | ICMR-ADHOC | Gopalan,S.,Dr.<br>Department of Obstetrics & Gynaecology<br>P.G. Institute of Medical Education & Research<br>Chandigarh-160012, Chandigarh | 0.12 | 24 |
| 1188 | Assessment of maternal mortality & causes of maternal mortality in a state - a demonstration project | ICMR-ADHOC | Ramachandran,L.,Dr.<br>Centre for Research in Health<br>Shobana, Sri Ramar Colony, N.G.O. Colony<br>Dindigul-624009, Tamil Nadu | 0.75 | 12 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1189 | Child survival-role perceptions & performance of female health workers & perceptions, attitudes & behaviour of community - a psychosocial study | ICMR-ADHOC | Ramachandran,L.,Dr.<br>Centre for Research in Health<br>Shobana, Sri Ramar Colony, N.G.O. Colony<br>Dindigul-624009, Tamil Nadu | 0.54 | 24 |
| 1190 | Correlates of bilirubin encephalopathy | ICMR-ADHOC | Singh,M.,Dr.<br>Department of Paediatrics<br>All India Institute of Medical Sciences<br>Ansari Nagar<br>New Delhi-110029, Delhi | 1.10 | 24 |
| 1191 | Immunopathogenesis of necrotising enteritis in children | ICMR-ADHOC | Varma,K.K.,Dr.<br>Department of Paediatric Surgery<br>Medical College, Calicut<br>Kozhikode-673008, Kerala | 0.45 | 24 |
| 1192 | Longitudinal study on physical growth and sexual development of rural children during adolescence | ICMR-ADHOC | Walia,B.N.S.,Dr.<br>P.G. Institute of Medical Education & Research<br>Chandigarh-160012,Chandigarh | 0.53 | 24 |
| 1193 | Isolation of antitubercular compound from garlic & its effect on lipid metabolism | ICMR-ADHOC | Murthy,P.S.,Dr.<br>Department of Biochemistry<br>University College of Medical Sciences, Delhi<br>Shahdara<br>Delhi-110032, Delhi | 1.79 | 24 |
| 1194 | Neuropsychological localization | ICMR-ADHOC | Gupta,S.,Shri<br>Department of Clinical Psychology<br>All India Institute of Medical Sciences<br>Ansari Nagar<br>New Delhi-110029, Delhi | 0.20 | 24 |
| 1195 | Depression in schizophrenia - a study on phenomenology and predictive variables | ICMR-ADHOC | Kulhara,P.,Dr.<br>Department of Psychiatry<br>P.G. Institute of Medical Education & Research<br>Chandigarh-160012, Chandigarh | 0.45 | 24 |
| 1196 | Characterisation of antigens of H. pylori & specific serological response in asymptomatic colonisation & infective upper GI diseases | ICMR-ADHOC | Panigrahi,D.D.,Dr.<br>Department of Medical Microbiology<br>P.G. Institute of Medical Education & Research<br>Chandigarh-160012, Chandigarh | 0.66 | 12 |
| 1197 | Neuroepidemiology in urban and rural population - a prevalence study - house to house survey | ICMR-ADHOC | Gourie Devi,M.,Dr.<br>Department of Neurology<br>National Institute of Mental Health<br>& Neuro Sciences<br>Hosur Road<br>Bangalore-560029, Karnataka | 0.76 | 12 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1198 | Autoantibodies to acetylcholine receptor and skeletal muscle antigens in myasthenia gravis | ICMR-ADHOC | Jailkhani,B.L.,Dr.<br>Department of Neurology<br>All India Institute of Medical Sciences<br>C.N. Centre, Ansari Nagar<br>New Delhi-110029, Delhi | 0.54 | 12 |
| 1199 | Certain basic immune functions in intracranial tumor patients | ICMR-ADHOC | Namasivayam,A.,Dr.<br>Department of Physiology<br>Dr. A.L. Mudaliar P.G. Institute of Basic Medical Sciences<br>Taramani<br>Madras-600113, Tamil Nadu | 0.62 | 12 |
| 1200 | NMR studies of normal and malignant human tissues | ICMR-ADHOC | Deshmukh,S.,Dr.<br>Cancer Institute<br>Adyar<br>Madras-600020, Tamil Nadu | 0.41 | 36 |
| 1201 | Secular trend in growth among the hill area children : a prospective study | ICMR-ADHOC | Chakravartti,M.R.,Dr.<br>Bihar Regional Centre<br>Centre for Environmental and Development Research<br>Bhirdi Niwas, 6/3 University Colony<br>Ranchi-834009, Bihar | 0.79 | 24 |
| 1202 | Impact of chronic drought on environment health and nutritional status of a community comparisons between tribal/non-tribal population | ICMR-ADHOC | Chakravarty,I.,Dr.<br>Department of Biochemistry & Nutrition<br>All India Institute of Hygiene and Public Health<br>110, Chittaranjan Avenue<br>Calcutta-700073, West Bengal | 2.41 | 24 |
| 1203 | Study of intermediate filaments and other cell identity markers in human and rat-embryos and teratomas | ICMR-ADHOC | Joshi,K.,Dr.<br>Department of Morbid Anatomy<br>P.G. Institute of Medical Education & Research<br>Chandigarh-160012, Chandigarh | 1.15 | 24 |
| 1204 | An investigation on the role of gallic acid & propylgallate in chemical carcinogenesis | ICMR-ADHOC | Khanduja,K.L.,Dr.<br>Department of Biophysics<br>P.G. Institute of Medical Education & Research<br>Chandigarh-160012, Chandigarh | 0.53 | 24 |
| 1205 | Tumor infiltrating host immunity in carcinoma of breast | ICMR-ADHOC | Kumar,R.,Dr.<br>Department of Anatomy<br>All India Institute of Medical Sciences<br>Ansari Nagar<br>New Delhi-110029, Delhi | 0.49 | 24 |
| 1206 | Assessment of the efficacy of an anti-tobacco community education programme through community volunteers | ICMR-ADHOC | Lahiri,V.L.,Dr.<br>P.G. Department of Pathology<br>S.N. Medical College<br>Agra-282003, Uttar Pradesh | 1.74 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1207 | Role of trace elements in the diagnosis prognosis and pathogenesis of malignancies with special references to GIT cancers in kashmir valley | ICMR-ADHOC | Narang,A.P.S.,Dr.<br>Department of Biochemistry<br>Dayanand Medical College<br>Ludhiana-141001, Punjab | 0.59 | 12 |
| 1208 | Role of cytostructural alterations in cervical carcinogenesis | ICMR-ADHOC | Pillai,M.R.,Dr.<br>Division of Cancer Research<br>Regional Cancer Centre<br>Medical College Campus<br>Thiruvananthapuram-695011, Kerala | 0.55 | 24 |
| 1209 | Primary hepatocellular carcinoma in India - profile seroepidemiology and role of co-carcinogens | ICMR-ADHOC | Sarin,S.K.,Dr.<br>Department of Gastroenterology<br>Maulana Azad Medical College<br>New Delhi-110002, Delhi | 1.40 | 24 |
| 1210 | Epidermal growth factor receptor in some normal, premalignant and malignant epithelial growths | ICMR-ADHOC | Shukla,H.S.,Dr.<br>Department of Surgery<br>Banaras Hindu University<br>Institute of Medical Sciences<br>Varanasi-221005, Uttar Pradesh | 0.42 | 24 |
| 1211 | Etiopathogenesis and management problems in pseudo-exfoliation syndrome | ICMR-ADHOC | Rao,V.A.,Dr.<br>Department of Ophthalmology<br>Jawaharlal Institute of P.G. Medical Education & Research<br>Dhanvantari Nagar<br>Pondicherry-605006, Pondicherry | 0.18 | 12 |
| 1212 | Critical evaluation of laser therapy in the management of diabetic retinopathy | ICMR-ADHOC | Gupta,A.,Dr.<br>Department of Ophthalmology<br>P.G. Institute of Medical Education & Research<br>Chandigarh-160012, Chandigarh | 0.33 | 36 |
| 1213 | Invesigation into the mechanism (S) of geno-protective action of prostacyclin against benzo(A) pyrene & CIS-Plantinum-Induced genetic damage | ICMR-ADHOC | Das,U.N.,Dr.<br>Department of Medicine<br>Nizam's Institute of Medical Sciences<br>Punjagutta<br>Hyderabad-500482, Andhra Pradesh | 0.63 | 36 |
| 1214 | An investigation of central neural mechanism in the cardiovascular effects of calcium channel antagonists | ICMR-ADHOC | Gurtu,S.,Dr.<br>Department of Pharmacology<br>K.G. Medical College<br>Lucknow-226003, Uttar Pradesh | 0.42 | 24 |
| 1215 | Elucidation of mode of action of azole antifungal agents in vivo & in vitro systems | ICMR-ADHOC | Khuller,G.K.,Dr.<br>Department of Biochemistry<br>P.G. Institute of Medical Education & Research<br>Chandigarh-160012, Chandigarh | 0.34 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1216 | Behavioural studies with some calcium channel blockers | ICMR-ADHOC | Pant,K.K.,Dr.<br>Department of Pharmacology<br>K.G. Medical College<br>Lucknow-226003, Uttar Pradesh | 0.32 | 24 |
| 1217 | Effects of stress & emotionality on the hypothalamo-pituitary-adrenal axis & gastric mucosal integrity in experimental animals | ICMR-ADHOC | Ray,A.,Dr.<br>Department of Pharmacology<br>University College of Medical Sciences, Delhi<br>Shahdara<br>Delhi-110032, Delhi | 0.64 | 24 |
| 1218 | Effect of some antiarrhythmic drugs in reperfusion induced ventricular arrhythmi as in rabbits and monkeys | ICMR-ADHOC | Sharma,P.L.,Dr.<br>Department of Pharmacology<br>P.G. Institute of Medical Education & Research<br>Chandigarh-160012, Chandigarh | 0.82 | 24 |
| 1219 | Effect of selected carbamate pesticides (carbaryl & carbafurn) on adult and developing male reproductive system | ICMR-ADHOC | Srivastava,S.P.,Dr.<br>Industrial Toxicology Research Centre<br>Mahatma Gandhi Marg<br>Lucknow-226001, Uttar Pradesh | 0.23 | 36 |
| 1220 | Influence of place learning task training in regeneration, reorganisation & functional plasticity of hippocampal tissue | ICMR-ADHOC | Dhume,R.A.,Dr.<br>Department of Physiology<br>Goa Medical College<br>Bambolim<br>Panaji-403202, Goa | 0.36 | 24 |
| 1221 | Differentiation of a motoneurons (skelet omotoneurons) & motoneurons (fusimotoneurons) using intracellular labelling | ICMR-ADHOC | Indirani,K.,Ms.<br>Department of Neurological Sciences<br>Christian Medical College<br>Vellore-632004, Tamil Nadu | 0.26 | 24 |
| 1222 | Studies on oxygen free radical dependent killing of pathogenic, attenuated and non-pathogenic mycobacteria | ICMR-ADHOC | Ganguly,N.K.,Dr.<br>Department of Experimental Medicine<br>P.G. Institute of Medical Education & Research<br>Chandigarh-160012, Chandigarh | 0.42 | 12 |
| 1223 | Tubercular lymphadenitis : incidence, laboratory diagnosis and role of short term chemotheraphy | ICMR-ADHOC | Nayar,S.,Dr.<br>Mahatma Gandhi Institute of Medical Sciences<br>Sevagram-442102,Maharashtra | 0.55 | 12 |
| 1224 | Transmission of enterically transmitted non-a non-b hepatitis and development of a diagnostic test | ICMR-ADHOC | Dilawari,J.B.,Dr.<br>Department of Paediatric Gastroenterology<br>P.G. Institute of Medical Education & Research<br>Chandigarh-160012, Chandigarh | 0.62 | 12 |
| 1225 | Serosurveillance for HIV infection in tuberculosis patients | ICMR-ADHOC | Jain,N.K.,Shri<br>New Delhi Tuberculosis Centre<br>Jawaharlal Nehru Marg<br>New Delhi-110002, Delhi | 0.18 | 12 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1226 | Centre for advanced research on enteric diseases | ICMR-CAR | Mathan,V.I.,Dr.<br>Department of Gastroenterology<br>Christian Medical College<br>Vellore-632004, Tamil Nadu | 13.50 | 60 |
| 1227 | Multidisciplinary research on RF\RHD | ICMR-TF | Wasir,H.S.,Dr.<br>Department of Cardiology<br>All India Institute of Medical Sciences<br>Ansari Nagar<br>New Delhi-110029, Delhi | 99.33 | 24 |
| 1228 | Stronger new minophagen-c therapy in patients with sub acute hepaticfailure and chronic active hepatitis | ICMR-TF | Acharya,S.K.,Dr.<br>Department of Gastroenterology<br>All India Institute of Medical Sciences<br>Ansari Nagar<br>New Delhi-110029, Delhi | 4.30 | 12 |
| 1229 | Study of enteric non-a, non-b (hepatitis -E) virus | ICMR-TF | Joshi,Y.K.,Dr.<br>Department of Gastroenterology<br>All India Institute of Medical Sciences<br>Ansari Nagar<br>New Delhi-110029, Delhi | 3.29 | 18 |
| 1230 | Essential hypertension : a case study on the role of behavioural & demographic variables in the initiation & perpetuation of the disorder | ICMR-TF | Bhan,S.,Dr.<br>Indian Council of Social Sciences Research<br>35, Ferozshah Road<br>New Delhi-110001, Delhi | 4.00 | 60 |
| 1231 | Feasibility of introducing genetic services in national family welfare programme | ICMR-TF | Agarwal,S.S.,Dr.<br>Department of Medical Genetics<br>Sanjay Gandhi P.G. Institute of Medical Sciences<br>Rae Bareli Road, Uttrathia<br>Lucknow-226001, Uttar Pradesh | 2.38 | 24 |
| 1232 | A study of factors determining the low age at marriage of females & differential pattern in different regions of India | ICMR-TF | Agarwal,U.D.,Dr.<br>Indian Institute of Health Management Research<br>C-105, Lal Kothi Scheme<br>Jaipur-302015, Rajasthan | 0.96 | 24 |
| 1233 | Feasibility of introducing genetic services in national family welfare programme | ICMR-TF | Patel,Z.M.,Dr.<br>Institute of Child Health<br>Acharya Donde Marg, Parel<br>Bombay-400012, Maharashtra | 2.38 | 24 |
| 1234 | Feasibility of introducing genetic services in national family welfare programme | ICMR-TF | Phadke,M.A.,Dr.<br>Department of Paediatrics<br>B.J. Medical College<br>Station Road<br>Pune-411001, Maharashtra | 2.38 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1235 | Feasibility of introducing genetic services in national family welfare programme | ICMR-TF | Thomas,I.M.,Dr.<br>Department of Anatomy<br>St. John's Medical College<br>Division of Human Genetics, Sarjapur RD<br>Bangalore-560034, Karnataka | 2.38 | 24 |
| 1236 | Feasibility of introducing genetic services in national family welfare programme | ICMR-TF | Verma,I.C.,Dr.<br>Department of Paediatrics<br>All India Institute of Medical Sciences<br>Ansari Nagar<br>New Delhi-110029, Delhi | 2.38 | 24 |
| 1237 | The evaluation of magnitude and usage pattern of artificial synthetic colours in foodstuffs | ICMR-TF | Khanna,S.K.,Dr.<br>Industrial Toxicology Research Centre<br>Mahatma Gandhi Marg<br>Lucknow-226001, Uttar Pradesh | 0.74 | 24 |
| 1238 | The evaluation of magnitude and usage pattern of artificial synthetic colours in foodstuffs | ICMR-TF | Nagaraja,K.V.,Shri<br>Central Food Laboratory<br>Central Food Technological Research Institute<br>Cheluvamba Mansion<br>Mysore-570013, Karnataka | 0.60 | 24 |
| 1239 | The evaluation of magnitude and usage pattern of artificial synthetic colours in foodstuffs | ICMR-TF | Vanchinathan,S.,Dr.<br>Central Food Laboratory<br>3, KYD Street<br>Calcutta-700016, West Bengal | 0.60 | 24 |
| 1240 | Rapid & sensitive elisa test for detection of snake venom antigen | ICMR-TF | Renapurkar,D.M.,Dr.<br>Department of Zoonosis<br>Haffkine Institute for Training and Testing<br>Acharya Donde Marg, Parel<br>Bombay-400012, Maharashtra | 0.58 | 24 |
| 1241 | Multicentric clinical trials of p amarus & picroliv in patients of chronic hepatitis & uncomplicated acute viral hepatitis | ICMR-TF | Acharya,S.K.,Dr.<br>Department of Gastroenterology<br>All India Institute of Medical Sciences<br>Ansari Nagar<br>New Delhi-110029, Delhi | 0.62 | 36 |
| 1242 | Multicentric clinical trials of p amarus & picroliv in patients of chronic hepatitis & uncomplicated acute viral hepatitis | ICMR-TF | Habibullah,C.M.,Dr.<br>Department of Gastroenterology<br>Osmania Medical College<br>Hyderabad-500001, Andhra Pradesh | 0.62 | 36 |
| 1243 | Multicentric clinical trials of p amarus & picroliv in patients of chronic hepatitis & uncomplicated acute viral hepatitis | ICMR-TF | Naik,S.R.,Dr.<br>Department of Gastroenterology<br>Sanjay Gandhi P.G. Institute of Medical Sciences<br>Rae Bareli Road, Uttrathia<br>Lucknow-226001, Uttar Pradesh | 1.12 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1244 | Prevention of infection and strengthening the blood banking system in the country | ICMR-TF | Director,,<br>Rajendra Memorial Research Institute of Medical Sciences<br>Agamkuan<br>Patna-800007, Bihar | 1.00 | 1 |
| 1245 | Prevention of infection and strengthening the blood banking system in the country | ICMR-TF | Apte,S.V.,Dr.<br>Institute of Immunohaematology<br>13th Floor, Multistorey Building<br>Bombay-400012, Maharashtra | 1.00 | 1 |
| 1246 | Prevention of infection and strengthening the blood banking system in the country | ICMR-TF | Banerjee,K.,Dr.<br>National Institute of Virology<br>20-A, Dr. Ambedkar Road<br>Pune-411001, Maharashtra | 1.00 | 1 |
| 1247 | Prevention of infection and strengthening the blood banking system in the country | ICMR-TF | Bhanradwaj,V.P.,Dr.<br>Central Jalma Institute for Leprosy<br>Tajganj<br>Agra-282001, Uttar Pradesh | 1.00 | 1 |
| 1248 | AIDS reference centre | ICMR-TF | Bed,B.C.,Dr.<br>National Institute of Cholera & Enteric Diseases<br>P-33, C.I.T. Scheme, Beliaghata<br>Calcutta-700010, West Bengal | 2.43 | 36 |
| 1249 | Prevention of infection and strengthening the blood banking system in the country | ICMR-TF | Deb,B.C.,Dr.<br>National Institute of Cholera & Enteric Diseases<br>P-33, CIT Scheme, Beliaghata<br>Calcutta-700010, West Bengal | 1.00 | 1 |
| 1250 | Prevention of infection and strengthening the blood banking system in the country | ICMR-TF | Iyengar,B.,Dr.<br>Institute of Pathology<br>Safdarjang Hospital Campus<br>New Delhi-110029, Delhi | 1.00 | 1 |
| 1251 | Clinical studies on HIV infection | ICMR-TF | John,T.J.,Dr.<br>Department of Microbiology<br>Christian Medical College<br>Vellore-632004, Tamil Nadu | 4.66 | 60 |
| 1252 | Prevention of infection and strengthening the blood banking system in the country | ICMR-TF | Krishnamachari,KAVR,Dr.<br>Regional Medical Research Centre, Bhubaneswar<br>Nandankanan Road, P.O. Chandrasekharpur<br>Bhubaneswar-751016, Orissa | 1.00 | 1 |
| 1253 | Prevention of infection and strengthening the blood banking system in the country | ICMR-TF | Luthra,U.K.,Dr.<br>Institute of Cytology & Preventive Oncology<br>M.A.M.C. Campus, Bahadur Shah Zafar Marg<br>New Delhi-110002, Delhi | 1.00 | 1 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1254 | Clinical studies on HIV infection | ICMR-TF | Malaviya,A.N.,Dr.<br>Department of Medicine<br>All India Institute of Medical Sciences<br>Ansari Nagar<br>New Delhi-110029, Delhi | 1.16 | 36 |
| 1255 | AIDS reference centre | ICMR-TF | Mohanty,D.,Dr.<br>Institute of Immunohaematology<br>13th Floor, Multistorey Building<br>Bombay-400012, Maharashtra | 0.50 | 36 |
| 1256 | ICMR unit for research on AIDS/HIV infection on north-eastern states of India | ICMR-TF | Pal,S.C.,Dr.<br>DL-172, Salt Lake, Sector - II<br>Calcutta-700064, West Bengal | 8.25 | 24 |
| 1257 | Prevention of infection and strengthening the blood banking system in the country | ICMR-TF | Prabhakar,R.,Dr.<br>Tuberculosis Medical Research Centre<br>Spur Tank Road, Chetput<br>Madras-600031, Tamil Nadu | 1.00 | 1 |
| 1258 | Prevention of infection and strengthening the blood banking system in the country | ICMR-TF | Tiwary,R.S.,Dr.<br>Regional Medical Research Centre for Tribal<br>Medical College Campus<br>Jabalpur-482003, Madhya Pradesh | 1.00 | 1 |
| 1259 | Enzyme studies in experimental head injury | UGC -MJRP | Balasubramanian,M.K.,Prof.<br>Department of Neurochemistry<br>Madras Medical College<br>Madras-600003, Tamil Nadu | 1.46 | 36 |
| 1260 | Dietary constituents as protectants in carcinogenesis | UGC -MJRP | Talukder,G.,Dr.<br>Department of Pathology<br>Vivekananda Institute of Medical Sciences<br>Calcutta, West Bengal | 3.41 | 36 |
| 1261 | Serum and tissue trace metal levels in oesophagus cancer | UGC -MJRP | Kar,P.,Dr.<br>Department of Medicine<br>Maulana Azad Medical College<br>New Delhi-110002, Delhi | 0.00 | 36 |
| 1262 | Investigations into the nutrition and physical growth of scheduled caste pre-school children of Punjab | UGC -MJRP | Sidhu,S.,Dr.<br>Department of Genetics<br>Guru Nanak Dev University<br>Amritsar-143005, Punjab | 4.19 | 36 |
| 1263 | Biochemical studies on the protective action of ....todopherol on experimentally induced mycocardial infarction in rats | UGC -MJRP | Devi,C.S.S.,Dr.<br>Department of Biochemistry<br>Madras University<br>Guindy Campus<br>Madras-600025, Tamil Nadu | 1.91 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1264 | Detection of molecular and cytogenetic markers for the diagnosis of cervical cancer | UGC -MJRP | Sobti,R.C.,Dr.<br>Department of Biochemistry<br>Punjab University<br>Chandigarh-160014, Chandigarh | 2.66 | 36 |
| 1265 | Herbal formulations : constitutents from slacia macrusperma in development of an tidiabetic and antibiotic preparations and as coating materials | UGC -MJRP | Kokate,C.K.,Dr.<br>Department of Pharmacy<br>Kakatiya University<br>Warangal-506009, Andhra Pradesh | 2.70 | 36 |
| 1266 | Ultrasonographic detection of hepatic abcesses and its management with ultrasound guided fine needle aspirations in Indian subjects | UGC -MNRP | Makawane,U.K.,Dr.<br>Department of Radiology<br>Maulana Azad Medical College<br>New Delhi-110002, Delhi | 0.20 | 24 |
| 1267 | Lateralisation of brain in functional anatomy of the hands in subject of 18-21 years age (a pilot study) | UGC -MNRP | Kakar,S.,Dr.<br>Department of Anatomy<br>Lady Harding Medical College<br>New Delhi, Delhi | 0.15 | 24 |
| 1268 | Child rearing anticedents of learned helplessness in children | UGC -MNRP | Paikray,P.,Mrs.<br>Department of Home Science<br>Sailabala Women's College<br>Cuttack-753001, Orissa | 0.25 | 24 |
| 1269 | Zinc and iron status of pregnant Indian women : a determinant of neonatal birth weight | UGC -MNRP | Mistry,K.,Ms.<br>Department of Home Science<br>Sri Vithaldas Thackersay College<br>Thackersey Road<br>Bombay, Maharashtra | 0.20 | 24 |
| 1270 | A programme to assess the influence causing the level of knowledge and adoption of recommended practices for the control of iodine deficiency .....schools in Delhi | UGC -MNRP | Narula,V.,Mrs.<br>Department of Home Science<br>Lady Irwin College<br>New Delhi, Delhi | 0.25 | 24 |
| 1271 | Case histories and coping styles of talented handicapped children | UGC -MNRP | Arora,M.,Mrs.<br>Department of Home Science<br>Sailabala Women's College<br>Cuttack-753001, Orissa | 0.22 | 24 |
| 1272 | Investigation of growth nutrition and health status of well to do indian adolscent girls | UGC -MNRP | Ramaswamy,J.,Dr.<br>Department of Home Science<br>S.V.T. College of Home Science<br>Bombay, Maharashtra | 0.19 | 24 |
| 1273 | Pharmaceutical importance of pteriodophytes | UGC -MNRP | Pathak,D.P.,Dr.<br>Department of Pharmacy<br>B.N. College<br>Udaipur-313001, Rajasthan | 0.41 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1274 | Development of low cost technology for standarization of indigenous drugs (Bhasma/Kushta) | UGC -MNRP | Idris,M.,Dr.<br>Department of Pharmacy<br>Ayurvedic and Unani Tibbia College<br>Karol Bagh<br>Delhi-110005, Delhi | 0.42 | 24 |
| 1275 | Studies in neuromuscular blocking azasteroids | UGC -MNRP | Yadav,M.R.,Shri<br>Department of Pharmacy<br>College of Pharmacy, New Delhi<br>Pushpa Vihar<br>New Delhi-110017, Delhi | 0.38 | 24 |
| 1276 | Novel drug delivery for topical medication | UGC -MNRP | Pople,H.,Mrs.<br>Department of Pharmacy<br>College of Pharmacy, New Delhi<br>Pushpa Vihar<br>New Delhi-110017, Delhi | 0.41 | 24 |



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# BROAD SUBJECT AREA : PHYSICAL SCIENCES

| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1277 | Nuclear fission and nuclear structure calculations | CSIR-ES | Pal,M.K.,Dr.<br>41, Elgin Road, Flat - 18<br>Calcutta-700020, West Bengal | 2.64 | 36 |
| 1278 | Determination of the elements of eclipsing binary systems using wilson-devinney synthetic light curve programme and study their evolutionary nature | CSIR-ES | Sarma,M.B.K.,Dr.<br>Department of Astronomy<br>Osmania University<br>Hyderabad-500007, Andhra Pradesh | 3.40 | 36 |
| 1279 | (A) Quark matter production and its properties (B) Teaching | CSIR-ES | Warke,C.S.,Dr.<br>704, Vigyan Scientist's HSL,Plot 23,Se.1<br>Bombay, Maharashtra | 3.40 | 36 |
| 1280 | Gauge boson dynamics at high energy in extra U(1) superstring inspired models | CSIR-ES | Sharma,N.K.,Prof.<br>Department of Physics<br>Rajasthan University<br>Jaipur-302004, Rajasthan | 3.40 | 36 |
| 1281 | Solar wind speed and density structures in the interplanetary medium derived using interplanetary scintillations of quasars | CSIR-ES | Alurkar,S.K.,Dr.<br>Physical Research Laboratory<br>Ahmedabad-380009,Gujarat | 2.64 | 36 |
| 1282 | Search for QGP in sulphur and lead interactions at CERN | CSIR-ES | Lokanathan,S.,Dr.<br>Department of Physics<br>Rajasthan University<br>Jaipur-302004, Rajasthan | 1.76 | 36 |
| 1283 | Exotic nuclei-shapes and spectroscopy | CSIR-ES | Pandya,S.P.,Prof.<br>Physical Research Laboratory<br>Ahmedabad-380009,Gujarat | 1.05 | 36 |
| 1284 | Theoretical investigations of various collision processes involving atoms/ ions and charged particles | CSIR-EXTRM | Roy,B.N.,Dr.<br>Department of Physics<br>Bihar University<br>Muzaffarpur-842001, Bihar | 4.58 | 36 |
| 1285 | Physicochemical studies on acceptor and donor graphite intercalated compounds | CSIR-EXTRM | Murthy,V.R.,Dr.<br>Department of Physics<br>Indian Institute of Technology, Madras<br>Madras-600036, Tamil Nadu | 1.99 | 36 |
| 1286 | Raman spectroscopic study of structural phase transitions - a quantitative approach | CSIR-EXTRM | Bist,H.D.,Dr.<br>Department of Physics<br>Indian Institute of Technology, Kanpur<br>Kanpur-208016, Uttar Pradesh | 2.59 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1287 | Development of some pyroelectric materials for infrared sensor | CSIR-EXTRM | Choudhary,R.N.P.,Dr.<br>Department of Physics<br>Indian Institute of Technology, Kharagpur<br>Kharagpur-721302, West Bengal | 3.93 | 36 |
| 1288 | Design of an integrated electrochemical unit (IECU), development of software packages and dedicated hardware unit to interface IECU with personal computer | CSIR-EXTRM | Rao,K.R.,Dr.<br>Department of Physics<br>Sri Krishnadevaraya University<br>Anantpur-515003, Andhra Pradesh | 3.79 | 36 |
| 1289 | Fermi surface and optical properties of Ce,Co, and Ni using the LMTO method | CSIR-EXTRM | Auluck,S.,Dr.<br>Department of Physics<br>Roorkee University<br>Roorkee-247667, Uttar Pradesh | 2.78 | 36 |
| 1290 | Design and development of A 20-BIT binary IVD based self-balancing bridge | CSIR-EXTRM | Lele,M.V.,Dr.<br>Instrumentation & Services Unit<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 2.95 | 36 |
| 1291 | Electron pramagnetic resonance and electrical conductivity in glasses | CSIR-EXTRM | Seth,V.P.,Dr.<br>Department of Physics<br>Maharshi Dayanand University<br>Rohtak-124001, Haryana | 6.08 | 36 |
| 1292 | Dynamic mechanical properies of microcellular rubber based composites | CSIR-EXTRM | Tripathy,D.K.,Dr.<br>Rubber Technology Centre<br>Indian Institute of Technology, Kharagpur<br>Kharagpur-721302, West Bengal | 3.39 | 36 |
| 1293 | Study of optical and thermal properties of amorphous semiconducting at low temperature | DAE -BRNS | Philip,J.,Dr.<br>Department of Physics<br>Cochin University of Science and Technology<br>Cochin-682022, Kerala | 1.54 | 36 |
| 1294 | Characterization of the doped semiconducting films of diamond prepared by RF plasma assisted CVD | DAE -BRNS | Misra,D.S.,Dr.<br>Department of Physics<br>Indian Institute of Technology, Bombay<br>Powai<br>Bombay-400076, Maharashtra | 5.00 | 36 |
| 1295 | Accommodation energy effects due to hybride formation n metals and alloys | DAE -BRNS | Balasubramaniam,R.,Dr.<br>Department of Metallurgical Engineering<br>Indian Institute of Technology, Kanpur<br>Kanpur-208016, Uttar Pradesh | 4.68 | 36 |
| 1296 | Studies on the superheating and microstructure stability of monotectic alloys grown at high growth speed | DAE -BRNS | Chattopadhyay,K.,Dr.<br>Department of Metallurgy<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 3.91 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1297 | Field emission microscopy of 3D transition and rare earth metals | DAE -BRNS | Joag,D.S.,Dr.<br>Department of Physics<br>Poona University<br>Pune-411007, Maharashtra | 2.87 | 36 |
| 1298 | Design and development of HFCVD system for synthesis of diamond thin films | DAE -BRNS | Godbole,V.P.,Dr.<br>Department of Physics<br>Poona University<br>Pune-411007, Maharashtra | 4.00 | 36 |
| 1299 | Investigation of electronic states fibonacci lattices in electric and magnetic field | DAE -BRNS | Ghosh,P.K.,Dr.<br>Department of Physics<br>Visva Bharati<br>Santiniketan-731235, West Bengal | 1.19 | 36 |
| 1300 | Laser hardening and microstress analysis of materials | DAE -BRNS | Natarajan,S.,Dr.<br>Department of Physics<br>Anna University<br>Madras-600025, Tamil Nadu | 7.70 | 36 |
| 1301 | Development of thermal plasma process for production of monoclinic and stabilized zirconia | DAE -BRNS | Syamaprasad,U.,Dr.<br>Special Materials Division<br>Regional Research Laboratory, Bhubaneswar<br>Bhubaneswar-751013, Orissa | 12.52 | 36 |
| 1302 | Physics of small clusters and nano particles | DAE -BRNS | Panat,P.V.,Prof.<br>Department of Physics<br>Poona University<br>Pune-411007, Maharashtra | 1.19 | 36 |
| 1303 | Supersymmetry with broken R-partity | DAE -BRNS | Pandita,P.N.,Dr.<br>Department of Physics<br>North Eastern Hill University<br>Shillong-793003, Meghalaya | 2.58 | 36 |
| 1304 | Heavy ion induced reactions in nuclear.. | DAE -BRNS | Tuli,S.K.,Dr.<br>Department of Physics<br>Banaras Hindu University<br>Varanasi-221003, Uttar Pradesh | 2.88 | 36 |
| 1305 | Growth and characterisation of laser quality barium metaborate single crystals | DAE -BRNS | Arora,S.K.,Dr.<br>Department of Physics<br>Sardar Patel University<br>Vallabh Vidyanagar-388120, Gujarat | 3.00 | 36 |
| 1306 | Calculations of electromagnetic fields near surface of solids and application to photoemission | DAE -BRNS | Thapa,R.K.,Dr.<br>Department of Physics<br>Pachhunga University College (NEHU)<br>Aizawl-796001, Mizoram | 1.83 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1307 | Physics of fussed compound nuclear systems | DAE -BRNS | Rajasekaran,M.,Dr.<br>Department of Nuclear Physics<br>Madras University<br>Guindy Campus<br>Madras-600025, Tamil Nadu | 1.03 | 36 |
| 1308 | Soliton solutions of some theoretic models with applications to hadrons | DAE -BRNS | Sriram,M.S.,Dr.<br>Department of Theoretical Physics<br>Madras University<br>Guindy Campus<br>Madras-600025, Tamil Nadu | 1.26 | 36 |
| 1309 | Nuclear structure studies of some neutron deficient nuclei in mass region A=120 through heavy ion reactions | DAE -BRNS | Trehan,P.N.,Prof.<br>Department of Physics<br>Punjab University<br>Chandigarh-160014, Chandigarh | 4.41 | 36 |
| 1310 | Studies of environmental radiation along the coast of Tamil Nadu | DAE -BRNS | Lakshmi,K.S.,Prof.<br>Department of Physics<br>Meenakshi College for Women<br>Madras-600024, Tamil Nadu | 6.04 | 36 |
| 1311 | Circulation in the Arabian sea and the bay of Bengal using environmenal isotopes | DOD -MRDF | Somayajulu,B.L.K.,Dr.<br>Physical Research Laboratory<br>Ahmedabad-380009,Gujarat | 17.95 | 36 |
| 1312 | Optoelectronic materials and devices by LPE technique | DOE -NPC | Dhar,S.,Dr.<br>Department of Electronic Science<br>University College of Science, Calcutta<br>92, A.P.C. Road<br>Calcutta-700009, West Bengal | 7.46 | 24 |
| 1313 | Optical fibre research | DOE -NPC | Acharya,H.N.,Prof.<br>Department of Electronic Science<br>Indian Institute of Technology, Kharagpur<br>Central Research Facility<br>Kharagpur-721302, West Bengal | 10.94 | 12 |
| 1314 | Optoelectronic materials for long wavelength sources and detectors by MOVPE technique | DOE -NPC | Arora,B.M.,Prof.<br>Solid State Electronics Group<br>Tata Institute of Fundamental Research<br>Homi Babha Road<br>Bombay-400005, Maharashtra | 24.40 | 24 |
| 1315 | Land use mapping of coastal regulation zone (CRZ) | DOEN-NNRMS | Sahahi,B.,Dr.<br>RSAM<br>Space Application Centre<br>Ahmedabad-380053, Gujarat | 28.00 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1316 | Wetland mapping | DOEN-NNRMS | Sahahi,B.,Dr.<br>RSAM<br>Space Application Centre<br>Ahmedabad-380053, Gujarat | 57.12 | 36 |
| 1317 | Radon pollution studies in human environment | DOEN-R&D | Singh,S.,Dr.<br>Department of Physics<br>Guru Nanak Dev University<br>Amritsar-143005, Punjab | 3.88 | 36 |
| 1318 | Standardising & fabricating household waste disposal unit as well asslurry auto and processing unit | DOEN-R&D | Manzar,M.,Shri.<br>Khadi and Village Industries<br>65-B, Zakirnagar, Kankarbag,<br>Patna-800020, Bihar | 2.02 | 36 |
| 1319 | Salt water intrusion and environmental implications in the coastal areas of Tamil Nadu | DOEN-R&D | Kumaraswamy,K.,Dr.<br>School of Earth Sciences<br>Bharathidasan University<br>Tiruchirapalli-620024, Tamil Nadu | 3.95 | 36 |
| 1320 | Roles of Al-Ti and Al-Ti-B master alloys in the grain refinement of aluminium and its alloys | DRDO-GIA | Chakraborty,M.,Dr.<br>Indian Institute of Technology, Kharagpur<br>Kharagpur-721302,West Bengal | 4.81 | 36 |
| 1321 | Modelling simulation and characterization of Si and GaAs mosfet for high frequency application | DRDO-GIA | Gupta,R.S.,Dr.<br>Delhi University<br>Delhi-110007,Delhi | 3.52 | 36 |
| 1322 | Growth and characterisation of new super-ionic conductors | DRDO-R&T(E) | Kulkarni,A.B.,Prof.<br>Gulbarga University<br>Gulbarga-585106,Karnataka | 9.44 | 36 |
| 1323 | Energy budget studies in spatial and wave number domain at Institute of Tropical Meteorology, Pune | DST -NCMRWF | Director,,<br>Institute of Tropical Meteorology<br>Pune-411008,Maharashtra | 0.30 | 12 |
| 1324 | Diamond thin films by microwave discharge of hydrocarbon gases | DST -SERC | Vankar,V.D.,Dr.<br>Department of Physics<br>Indian Institute of Technology, Delhi<br>New Delhi-110016, Delhi | 16.89 | 36 |
| 1325 | Development of a complete soft-X-ray spectroscopic system for studying optical properties in the XUV region of some rare earth and high Tc oxides and reflecting surfaces | DST -SERC | Pimpale,A.V.,Dr.<br>Inter University Consortium<br>Indore-452001,Madhya Pradesh | 26.05 | 36 |
| 1326 | Preparation and characterization of nano-composites | DST -SERC | Chakravorty,D.,Prof.<br>Department of Physical Chemistry<br>Indian Association for the Cultivation of Science<br>Jadavpur<br>Calcutta-700032, West Bengal | 20.92 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1327 | Molecular dynamics of liquid crystals through nuclear magnetic relaxation spectroscopy | DST -SERC | Sastry,V.S.S.,Dr.<br>School of Physics<br>Hyderabad University<br>Hyderabad-500134, Andhra Pradesh | 22.39 | 36 |
| 1328 | Growth characterisation and properties of nonlinear and electrooptic materials | DST -SERC | Sebastian,M.T.,Dr.<br>Regional Research Laboratory,<br>Thiruvananthapuram<br>Thiruvananthapuram-695019,Kerala | 11.25 | 36 |
| 1329 | Growth characterisation and properties of nonlinear and electrooptic materials | DST -SERC | Sengupta,S.P.,Prof.<br>Department of Materials Science<br>Indian Association for the Cultivation of Science<br>Jadavpur<br>Calcutta-700032, West Bengal | 2.39 | 36 |
| 1330 | Development and characterisation of planar optical waveguides in LiNbO3 | DST -SERC | Tripathi,K.N.,Dr.<br>Department of Electronics<br>Delhi University<br>New Delhi-110021, Delhi | 2.16 | 36 |
| 1331 | Laser heat treatment of materials | DST -SERC | Mishra,P.K.,Dr.<br>Department of Mechanical Engineering<br>Indian Institute of Technology, Kharagpur<br>Kharagpur-721302, West Bengal | 9.70 | 36 |
| 1332 | Development of ferrofluid in different carriers and to study their physical properties with special reference to application potentialities | DST -SERC | Mehta,R.V.,Dr.<br>Department of Physics<br>Bhavnagar University<br>Bhavnagar-364002, Gujarat | 6.19 | 36 |
| 1333 | Grain boundry scattering and trap states in compound semiconductor films of CuIn Se2, CdTe and InP | DST -SERC | Pal,A.K.,Prof.<br>Department of Materials Science<br>Indian Association for the Cultivation of Science<br>Jadavpur<br>Calcutta-700032, West Bengal | 10.95 | 36 |
| 1334 | Cosmological models of the early universe with energy production mechanism | DST -SERC | Joshi,V.B.,Dr.<br>Department of Industrial Consultancy<br>Indian Institute of Technology, Madras<br>Madras-600036, Tamil Nadu | 4.36 | 36 |
| 1335 | Development of phosphor materials for high efficiency fluorecent lamps | DST -SERC | Rangarajan,S.K.,Prof.<br>Central Electrochemical Research Institute<br>Karaikudi-623006,Tamil Nadu | 7.91 | 36 |
| 1336 | Fluorescent X-ray emission following aligned and unaligned atomic inner shell vacancies | DST -SERC | Allawadhi,K.L.,Dr.<br>Department of Physics<br>Punjabi University<br>Patiala-147002, Punjab | 15.52 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1337 | Characterisation of macromolecules by static and dynamic laser light scattering | DST -SERC | Bohidar,H.B.,Dr.<br>School of Physical Sciences<br>Jawaharlal Nehru University<br>New Delhi-110067, Delhi | 2.73 | 36 |
| 1338 | Characterisation of macromolecules by static and dynamic laser light scattering | DST -SERC | Chopra,S.,Prof.<br>Department of Physics<br>Indian Institute of Technology, Delhi<br>New Delhi-110016, Delhi | 2.47 | 36 |
| 1339 | Image processing with a non-coherently illuminated optical processing system | DST -SERC | Vasu,R.M.,Dr.<br>Department of Physics<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 14.81 | 36 |
| 1340 | Design and implementation of optimisation algorithms using interior point methods of Karmarkar | DST -SERC | Chaudhari,N.S.,Dr.<br>Department of Computer Science<br>Devi Ahilya Vishwavidyalaya<br>Khandwa Road<br>Indore-452001, Madhya Pradesh | 6.44 | 36 |
| 1341 | Formation and annihilation characteristics of exotic atoms | DST -SERC | Talukdar,B.K.,Dr.<br>Department of Physics<br>Visva Bharati<br>Santiniketan-731235, West Bengal | 7.42 | 36 |
| 1342 | Fabrication of a photoacoustic spectrometer and its use in solid state and structural studies | DST -SERC | Vijayan,C.,Dr.<br>Department of Physics<br>Pondicherry University<br>Pondicherry-605006, Pondicherry | 8.66 | 36 |
| 1343 | Search for Quark-Gluon Plasma formation in sulphur and lead induced reactions at CERN-SPS (WA93 collaboration) | DST -SERC | Bhalla,K.B.,Dr.<br>Department of Physics<br>Rajasthan University<br>Jaipur-302004, Rajasthan | 13.67 | 36 |
| 1344 | Development of radio spectrograph for investigation of transient radio emissions from the sun | DST -SERC | Umapathy,S.,Dr.<br>School of Physics<br>Madurai Kamaraj University<br>Madurai-625021, Tamil Nadu | 7.12 | 36 |
| 1345 | High pressure and low temperature studies on organic conductors, conducting polymers and superconductivity | DST -SERC | Subramanyam,S.V.,Prof.<br>Department of Physics<br>Indian Institute of Science<br>Bangalore-560012, Karnataka | 10.64 | 36 |
| 1346 | Measurement of K-L and M-Shell X-ray cross-section in various elements with char-ged particles | DST -SERC | Khurana,C.S.,Dr.<br>Department of Physics<br>Punjabi University<br>Patiala-147002, Punjab | 12.82 | 36 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1347 | Third order optical nonlinearity of polymers for photonics | DST -SERC | Singh,B.P.,Dr.<br>Department of Physics<br>Indian Institute of Technology, Bombay<br>Powai<br>Bombay-400076, Maharashtra | 46.72 | 36 |
| 1348 | Charge transfer complexes type molecular electronic materials | DST -SERC | Singh,R.A.,Dr.<br>Department of Chemistry<br>Banaras Hindu University<br>Varanasi-221005, Uttar Pradesh | 8.82 | 36 |
| 1349 | Search for Quark-Gluon Plasma formation in sulphur and lead induced reactions at CERN-SPS (WA93 collaboration) | DST -SERC | Rao,N.K.,Dr.<br>Department of Physics<br>Jammu University<br>Jammu-180001, Jammu & Kashmir | 13.67 | 36 |
| 1350 | Fabrication of He-Cd laser and factor group analysis of crystals and evaluation of macroscopic properties of crystals from Raman and infra-red intensity analysis of phonons in crystals | DST -SERC | Ravindranath,K.,Dr.<br>Department of Physics<br>Osmania University<br>Hyderabad-500007, Andhra Pradesh | 1.19 | 36 |
| 1351 | Positron physics and dynamics of positronic systems | DST -SERC | Ghosh,A.S.,Prof.<br>Department of Theoretical Physics<br>Indian Association for the Cultivation of Science<br>Jadavpur<br>Calcutta-700032, West Bengal | 14.45 | 36 |
| 1352 | Blackbody pumped plasma laser | DST -SERC | Thareja,R.K.,Dr.<br>Centre for Laser Technology<br>Indian Institute of Technology, Kanpur<br>Kanpur-208016, Uttar Pradesh | 9.25 | 36 |
| 1353 | Study of BSO group for optical information processing | DST -SERC | Rao,K.V.,Dr.<br>Department of Materials Science<br>Indian Institute of Technology, Kanpur<br>Kanpur-208016, Uttar Pradesh | 7.56 | 36 |
| 1354 | Laser spectroscopy of radical ions of condensed ring aromatic hydrocarbons | DST -SERC | Khan,Z.H.,Dr.<br>Department of Physics<br>Jamia Millia Islamia<br>New Delhi-110025, Delhi | 13.71 | 36 |
| 1355 | Search for Quark Gluon Plasma formation in sulphur and lead induced reaction at CERN-SPS (WA 93 collaboration) | DST -SERC | Bhatia,V.B.,Dr.<br>Department of Physics<br>Punjab University<br>Chandigarh-160014, Chandigarh | 12.67 | 36 |
| 1356 | Scattering of electrons/positrons by molecular systems | DST -SERCYS | Jain,A.K.,Dr.<br>Department of Physics<br>Roorkee University<br>Roorkee-247667, Uttar Pradesh | 1.64 | 24 |



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| Record No. | Project Title | Funding Agency-Scheme | Name & Address of Investigator/ Institute | Cost (Rs. in-Lakhs) | Duration (in months) |
|---|---|---|---|---|---|
| 1357 | Raman scattering studies of structurally incommensurate crystals | DST -SERCYS | Khulbe,P.K.,Dr.<br>Department of Physics<br>Indian Institute of Technology, Kanpur<br>Kanpur-208016, Uttar Pradesh | 2.22 | 24 |
| 1358 | Development of coherent tunable infrared radiation source | DST -SERCYS | Chatterjee,U.,Dr.<br>Department of Physics<br>Burdwan University<br>Burdwan-713104, West Bengal | 2.56 | 24 |
| 1359 | Development of a neural network for image registration | DST -SERCYS | Gharpure,D.C.,Dr.<br>Department of Electronic Sciences<br>Poona University<br>Pune-411007, Maharashtra | 2.28 | 24 |
| 1360 | Relaxation mechanism and lasing action in non-linear optical media | DST -YS | Mohan,D.,Dr.<br>Department of Physics<br>Maharshi Dayanand University<br>Rohtak-124001, Haryana | 1.13 | 24 |
| 1361 | Study of absorption spectra of laser active colour centres in alkali halide crystals at liquid nitrogen temperature | DST -YS | Pode,R.B.,Dr.<br>Department of Physics<br>Nagpur University<br>Nagpur-440010, Maharashtra | 1.52 | 24 |
| 1362 | Preparation and characterisation of Nd and Er doped laser crystals and glasses by optical spectroscopy | DST -YS | Jayasankar,C.K.,Dr.<br>Department of Physics<br>S.V. University P.G. Centre<br>Kurnool-518001, Andhra Pradesh | 1.34 | 24 |
| 1363 | Structure and properties of advanced high temperature aluminium and properties of advanced high temperature aluminium base alloys through rapid solidification processing | DST -YS | Gupta,R.D.,Dr.<br>Regional Research Laboratory, Bhopal<br>Hoshangabad Road, Near Habibganj Naka<br>Bhopal-462026, Madhya Pradesh | 0.88 | 24 |
| 1364 | Growth of indium anti-monide single crystals and preparation of polished wafers suitable for window/detector applications | ISRO-RESPOND | Rama,P.,Prof.<br>Crystal Growth Centre<br>Anna University<br>Guindy Campus<br>Madras-600025, Tamil Nadu | 7.73 | 36 |
| 1365 | Growth and characterization of sulphides and selenides of molybdenum and application to pec solar cell | UGC -MJRP | Agarwal,M.K.,Dr.<br>Department of Physics<br>Sardar Patel University<br>Vallabh Vidyanagar-388120, Gujarat | 1.39 | 36 |
| 1366 | Computer studies of heavy ion reactions | UGC -MJRP | Kamal,A.,Prof.<br>Department of Physics<br>University College of Science, Hyderabad<br>Hyderabad-505468, Andhra Pradesh | 1.39 | 36 |



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| 1367 | Modelling QCD for inter quark potentials | UGC -MJRP | Sharma,A.,Dr.<br>Department of Physics<br>Kurukshetra University<br>Kurukshetra-132119, Haryana | 2.59 | 36 |
| 1368 | Futuristic ferroelectric piezoelectric materials for transducer applications | UGC -MJRP | Bhanumathi,A.,Dr.<br>Department of Physics<br>Andhra University<br>Visakhapatnam-530003, Andhra Pradesh | 1.85 | 36 |
| 1369 | Phenomenology and modelling based on quantum chromodynamics in nuclear and particle physics | UGC -MJRP | Dey,J.,Dr.<br>Department of Physics<br>Hooghly Mohsin College<br>Chinsurah-712101, West Bengal | 1.10 | 36 |
| 1370 | Intensity and energy distribution of gamma rays compton scattered from inner shell electrons | UGC -MJRP | Ghumman,B.S.,Dr.<br>Department of Physics<br>Punjabi University<br>Patiala-147002, Punjab | 1.89 | 36 |
| 1371 | Dielectrophoretic studies on alterations in the electrlcal properties of human red blood cells due to storage in different preservative solutions | UGC -MJRP | Gopalakrishna,,Dr.<br>Department of Physics<br>Nizam College<br>Hyderabad-505468, Andhra Pradesh | 2.89 | 36 |
| 1372 | Identification and characterisation of rotational conformers of aldehydes and ketones by spectroscopic and quantum mechanical methods | UGC -MJRP | Gupta,V.P.,Prof.<br>Department of Physics<br>Government College for Women, Jammu Tawai<br>Jammu Tawi-180001, Jammu & Kashmir | 2.94 | 36 |
| 1373 | Atomic charge density based investigations on scattering compton profiles and condensed matter properties (theoretical) | UGC -MJRP | Joshipura,K.N.,Dr.<br>Department of Physics<br>Sardar Patel University<br>Vallabh Vidyanagar-388120, Gujarat | 1.29 | 36 |
| 1374 | Hadronic decays of hardons containing a heavy quark | UGC -MJRP | Khanna,P.,Dr.<br>Department of Physics<br>Punjab University<br>Chandigarh-160014, Chandigarh | 1.95 | 36 |
| 1375 | Spectral investigations on transition metal and rare earth ions in glasses | UGC -MJRP | Rao,J.L.,Prof.<br>Department of Physics<br>Sri Venkateswara University<br>Tirupati-517502, Andhra Pradesh | 2.44 | 36 |
| 1376 | Solar radio observations in the international step period 90-95 | UGC -MJRP | Lokanadhan,B.,Prof.<br>Department of Astronomy<br>Osmania University<br>Hyderabad-500007, Andhra Pradesh | 1.99 | 36 |



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| 1377 | Dielectric relative study of biological systems | UGC -MJRP | Mehrotra,S.C.,Dr.<br>Department of Physics<br>Marathwada University<br>Aurangabad-431004, Maharashtra | 2.74 | 36 |
| 1378 | Conformation of biomolecules | UGC -MJRP | Ojha,R.P.,Dr.<br>Department of Physics<br>Gorakhpur University<br>Gorakhpur-273009, Uttar Pradesh | 1.94 | 36 |
| 1379 | Spectroscopic studies on the astro-physical molecules evaluation of molecular parameters | UGC -MJRP | Rao,T.V.R.,Dr.<br>Department of Physics<br>Sri Krishnadevaraya University<br>Anantpur-515003, Andhra Pradesh | 1.79 | 36 |
| 1380 | Investigations on lasing action in organic laser dyes in the ultra violet and red/tr regions | UGC -MJRP | Santhamma,,Dr.<br>Department of Physics<br>Andhra University<br>Visakhapatnam-530003, Andhra Pradesh | 2.40 | 36 |
| 1381 | Study of strongly correlated systems | UGC -MJRP | Sharma,K.C.,Dr.<br>Department of Physics<br>Himachal Pradesh University<br>Shimla-171005, Himachal Pradesh | 2.23 | 36 |
| 1382 | XRF studies of vegetation and soil near thermal power plants | UGC -MJRP | Shota,H.S.,Prof.<br>Department of Physics<br>Punjabi University<br>Patiala-147002, Punjab | 2.19 | 36 |
| 1383 | Magnetic and dielectric susceptibilities of amorphous semiconductors | UGC -MJRP | Sahu,T.,Dr.<br>Department of Physics<br>Berhampur University<br>Berhampur-760007, Orissa | 1.50 | 36 |
| 1384 | Vibrational properties of some amorphous metals and disordered alloys | UGC -MJRP | Upadhyaya,J.C.,Dr.<br>Department of Physics<br>Agra College<br>Agra-282001, Uttar Pradesh | 2.20 | 36 |
| 1385 | Preparation.....of thin film for glasses | UGC -MJRP | Shirodhkar,V.S.,Dr.<br>Institute of Science<br>Bombay-40032 ,Maharashtra | 2.15 | 36 |
| 1386 | Studies on electrical properties of some MIM and MIS structures | UGC -MNRP | Sarmah,A.C.,Shri<br>Department of Physics<br>Digbol College<br>Dibrugarh-787001, Assam | 0.22 | 24 |



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| 1387 | Quantum Mechanics of classically chaotic systems | UGC -MNRP | Lahiri,A.,Dr.<br>Department of Physics<br>Vidyasagar Evening College<br>Calcutta, West Bengal | 0.16 | 24 |
| 1388 | Normal coordinate analysis of polyatomic molecules | UGC -MNRP | Bansal,D.K.,Shri<br>Department of Physics<br>Chhaju Ram Memorial Jat College<br>Hisar-125001, Haryana | 0.22 | 24 |
| 1389 | Semiconductor physics thin film solar cells & micro electronic devices | UGC -MNRP | Gujan,G.B.,Shri<br>Department of Physics<br>G.T. Patil College<br>Nandurbar-425412, Maharashtra | 0.18 | 24 |
| 1390 | Electrodeposition of chalcogenide films | UGC -MNRP | Bhosale,C.H.,Dr.<br>Department of Physics<br>S.S.G.M. College<br>Kopargaon-423601, Maharashtra | 0.16 | 24 |
| 1391 | Investigation into improvement of the efficiency of solar still | UGC -MNRP | Chanadurai,P.,Shri<br>Department of Physics<br>N.M.S.S.V.N. College<br>Madurai-625001, Tamil Nadu | 0.15 | 24 |
| 1392 | Study of some local pseudopotentials | UGC -MNRP | Natawarlal,G.P.,Shri<br>Department of Physics<br>V.P. & R.P.T.P. Science College<br>Vallabh Vidyanagar-388120, Gujarat | 0.13 | 24 |
| 1393 | Spectroscopic investigations of some organic compounds and new metal complexes | UGC -MNRP | Gupta,S.L.,Dr.<br>Department of Physics<br>M.M. College<br>Modinagar-201204, Uttar Pradesh | 0.20 | 24 |
| 1394 | Study of dielectric behaviour of some industrially important powders - some organic compounds and their mixtures of microwave frequencies | UGC -MNRP | Jangid,R.A.,Dr.<br>Department of Physics<br>Government College, Alwar<br>Alwar-301001, Rajasthan | 0.19 | 24 |
| 1395 | Development of a truly portable rugged concentrating solar cooker with high performance for the use of our jawans on patrol duty at Himalayan borders | UGC -MNRP | Jayaraman,S.,Dr.<br>Department of Physics<br>Sri R.K. Vidyalaya Arts College<br>Coimbatore-641001, Tamil Nadu | 0.21 | 24 |
| 1396 | Understanding the growth habits of gel grown semidonductor crystals | UGC -MNRP | Jeromedas,S.,Shri<br>Department of Physics<br>Loyola College<br>Nungampakkam<br>Madras-600034, Tamil Nadu | 0.22 | 24 |



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| 1397 | Studies on crystals of apophyllite and zeolite family | UGC -MNRP | Naik,B.T.,Shri<br>Department of Physics<br>B.P. Baria Science Institute<br>Navsari-396445, Gujarat | 0.19 | 24 |
| 1398 | Electrical and optical characteristics of polystyrene doped with phenanthrene | UGC -MNRP | Srivastava,N.,Ms.<br>Department of Physics<br>Graduate College for Women, Ranchi<br>Ranchi-834001, Bihar | 0.12 | 24 |
| 1399 | Spectral studies of naturally occuring minerals | UGC -MNRP | Reddy,S.N.,Shri<br>Department of Physics<br>S.V. Degree College<br>Cuddapah-516001, Andhra Pradesh | 0.20 | 24 |
| 1400 | Proton induced X-ray emission (PIXE) analysis of trace elements present in soil and water bodies discharged from mineral based industries in Orissa | UGC -MNRP | Padhy,N.,Dr.<br>Department of Physics<br>Prananath College<br>Khurda-752055, Orissa | 0.21 | 24 |
| 1401 | Studies on positron impact ionization of atoms and positronium formation in positron atom scattering | UGC -MNRP | Singh,N.R.,Shri<br>Department of Physics<br>S.R. Women's College<br>Nambol-795134, Manipur | 0.10 | 24 |
| 1402 | Study of dielectric relaxation in some polar compounds by microwave absorption measurements | UGC -MNRP | Singh,P.J.,Shri<br>Department of Physics<br>M.S.J. College<br>Bharatpur-321001, Rajasthan | 0.16 | 24 |
| 1403 | Studies on analysis of non-linear holograms | UGC -MNRP | Rao,P.,Shri<br>Department of Physics<br>Bhavan's New Science College<br>Hyderabad, Andhra Pradesh | 0.15 | 24 |
| 1404 | Effect of overtaking distrubances on the propagation of weak shock waves | UGC -MNRP | Yadav,R.P.,Dr.<br>Department of Physics<br>Government (PG) College, Uttarkashi<br>Uttarkashi-249193, Uttar Pradesh | 0.20 | 24 |
| 1405 | Design of an ultrashort optical pulse generator DFDL configuration | UGC -MNRP | Ramalingam,A.,Shri<br>Department of Physics<br>Anna University<br>College of Engineering, Guindy Campus<br>Madras-600025, Tamil Nadu | 0.15 | 24 |
| 1406 | Microscopic studies in the field of heavy ion fusion reactions | UGC -MNRP | Mishra,R.C.,Dr.<br>Department of Physics<br>V.S.S.D. College<br>Kanpur-208001, Uttar Pradesh | 0.15 | 24 |



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| 1407 | Studies on structural, electrical and optical properaties of Cd1-x ZnTe solid solution films | UGC -MNRP | Sharma,R.,Dr.<br>Department of Physics<br>G.T. Patil College<br>Nandurbar-425412, Maharashtra | 0.13 | 24 |
| 1408 | Electron paramagnetic resonance studies of doped single crystals | UGC -MNRP | Bansal,R.S.,Dr.<br>Department of Physics<br>A.I.J.H.M. College<br>Rohtak-124515, Haryana | 0.19 | 24 |
| 1409 | Growth and characterisation of melt and gel grown crystals of lead halides | UGC -MNRP | Sagayaraj,P.,Shri<br>Department of Physics<br>Loyola College<br>Nungampakkam<br>Madras-600034, Tamil Nadu | 0.14 | 24 |
| 1410 | Studies on the mechanoluminescence of gold doped (Zn,Cd)S mixed phosphorus | UGC -MNRP | Tiwari,S.,Shri<br>Department of Physics<br>Model Science College, Jabalpur<br>Jabalpur-482001, Madhya Pradesh | 0.12 | 24 |
| 1411 | The study of thermodynamic and transport properties in hear ferrmionsystems in the presence of crystalline electric field and magnetic field | UGC -MNRP | Kumar,S.,Dr.<br>Department of Physics<br>St. Bedes College<br>Shimla-171001, Himachal Pradesh | 0.22 | 24 |
| 1412 | Propagation of shock waves through uniform and non uniform media | UGC -MNRP | Kumar,S.,Dr.<br>Department of Physics<br>Agra College<br>Agra-282001, Uttar Pradesh | 0.18 | 24 |
| 1413 | Study of complex nuclear structure of some even nuclei | UGC -MNRP | Sharma,S.,Dr.<br>Department of Physics<br>G.G.D.S.D. College<br>Rajpur<br>Palampur-176061, Himachal Pradesh | 0.11 | 24 |
| 1414 | Studies on molecular interaction of sodium soaps of fatty and rosin acids | UGC -MNRP | Gour,S.N.,Dr.<br>Department of Physics<br>D.A.V. (PG) College, Muzaffarnagar<br>Muzaffarnagar-251001, Uttar Pradesh | 0.22 | 24 |
| 1415 | Spectral studies of some organic molecules used in high polymers | UGC -MNRP | Sharma,S.D.,Dr.<br>Department of Physics<br>D.N. College<br>Meerut-250001, Uttar Pradesh | 0.18 | 24 |
| 1416 | A study of strong diffussion of magnetospheric electrons | UGC -MNRP | Singh,D.P.,Dr.<br>Department of Physics<br>Government College, Adampur<br>Adampur-144103, Punjab | 0.18 | 24 |



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| 1417 | Electrical and optical properties of amorphous chalcogenide semiconductors | UGC -MNRP | Malik,S.K.,Shri<br>Department of Physics<br>A.I.J.H.M. College<br>Rohtak-124515, Haryana | 0.18 | 24 |
| 1418 | Studies on the optical properties of semiconductor devices using III-V compounds | UGC -MNRP | Singh,S.,Dr.<br>Department of Physics<br>Udai Pratap College<br>Varanasi-221001, Uttar Pradesh | 0.21 | 24 |
| 1419 | Studies on some aspects of solar flares, radio bursts and proton events | UGC -MNRP | Das,T.K.,Dr.<br>Department of Physics<br>Narsinha Dutt College<br>Howrah-711101, West Bengal | 0.17 | 24 |
| 1420 | Study of the electrical properties of chemically prepared CuInSe-2 Thin film | UGC -MNRP | Pillai,P.K.V.,Shri<br>Department of Physics<br>Maharajas College<br>Ernakulam-682035, Kerala | 0.20 | 24 |



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| Andhra University | 197,422,556,678,785,796,808,815,817, 828,829,947,1055,1056,1064,1368,1380 |
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| Delhi University | 49,50,171,203,216,230,274,301,344, 641,696,704,799,800,807,990,991,1114, 1135,1321,1330 |




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| Dungar Autonomous College | 1099 |
| Electrical Research Development Association | 853 |
| Electronics Corporation of India Limited | 923,987,1017,1018 |
| Ethiraj College for Women | 495,535,543 |
| Fredrick Institute of Plant Protection & Toxicology | 70,186 |
| G.B. Pant Institute of Himalayan Environment & Development | 33,351,352 |
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| Gujarat Cancer Research Institute | 1127 |
| Gujarat Electricity Board | 847,848 |
| Gujarat University | 154,567 |
| Gulbarga University | 412,1322 |
| Guru Nanak Dev University | 269,454,690,1262,1317 |
| Gurukula Kangri Vishwavidyalya | 390 |
| Haffkine Institute for Training and Testing | 1240 |
| Haryana State Electricity Board | 838,839 |
| Hemvati Nandan Bahuguna Garhwal University | 826 |
| Himachal Pradesh Krishi Vishwavidyalaya | 55,56,101,264 |
| Himachal Pradesh University | 712,1381 |
| Hindu College, Delhi | 1089 |
| Hindu College, Moradabad | 744,757 |




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| Institute | Record No. |
|---|---|
| Hindustan Aeronautics Limited | 908 |
| Holkar Science College | 467,481,1096 |
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| Hyderabad University | 175,313,363,446,584,606,643,666, 1128,1173,1327 |
| ICAR Research Complex for NEH Region | 35 |
| Indian Agricultural Research Institute | 15,19,20,23,52,57,104,108,227 |
| Indian Association for the Cultivation of Science | 591,602,663,1326,1329,1333,1351 |
| Indian Cardamom Research Institute | 85 |
| Indian Council of Social Sciences Research | 1230 |
| Indian Institute of Bio-Behavioural Sciences | 1174 |
| Indian Institute of Chemical Biology | 221,327,608,1136,1157,1168 |
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| Indian Institute of Health Management Research | 1232 |
| Indian Institute of Horticultural Research | 125,133,134,135 |
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| Indian Institute of Technology, Delhi | 234,257,658,669,684,779,806,812, 882,896,904,906,915,938,977,978, 981,1324,1338 |
| Indian Institute of Technology, Kanpur | 323,603,622,627,664,667,671,845, 861,869,890,893,939,998,1003,1013, 1027,1046,1286,1295,1352,1353,1357 |
| Indian Institute of Technology, Kharagpur | 570,593,642,670,914,921,922,940,941, 1035,1067,1287,1292,1313,1320,1331 |
| Indian Institute of Technology, Madras | 569,592,648,683,862,872,889,901, 903,925,942,1032,1285,1334 |
| Indian School of Mines | 776,874,875 |
| Indian Statistical Institute | 1061,1063 |
| Industrial Toxicology Research Centre | 209,335,342,1166,1219,1237 |
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| Kakatiya University | 345,367,370,373,413,707,1265 |
| Kalyani University | 406,605,716 |
| Kamaraj College | 176,472 |




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| Kamla Nehru Institute of Physics & Social Sciences | 527 |
| Karnatak Science College | 540 |
| Karnatak University | 172,280,381,572,1083 |
| Karnataka Electricity Board | 841,842 |
| Karnataka Regional Engineering College | 674,740,943 |
| Kerala Agricultural University | 29,48,126,140 |
| Kerala Forest Research Institute | 278 |
| Kerala State Electricity Board | 854 |
| Kerala University | 265,369 |
| Khadi and Village Industries | 1318 |
| King Edward Memorial Hospital Research Centre | 1184 |
| Kirori Mal College | 1097 |
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| Kurukshetra University | 380,573,574,623,777,1367 |
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| M.L. Sukhadia University | 180,378,786, |
| M.L.W. Government College | 492 |
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| M.M. College | 1393 |
| M.N. Regional Engineering College | 945 |
| M.S. University of Baroda | 685,822,1121 |
| M.S.J. College | 1402 |
| Madhya Pradesh Electricity Board | 850,851,852 |




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| Madras Christian College | 376,726,738 |
| Madras Medical College | 1259 |
| Madras University | 64,246,247,272,282,304,343,377,384, 386,411,426,438,441,449,1041,1263, 1307,1308 |
| Madurai Kamaraj University | 181,279,312,576,594,595,596,624, 1072,1182,1344 |
| Maharajas College | 1420 |
| Maharashtra Association for the Cultivation of Science | 168,332 |
| Maharashtra Gandhi Smarak Nidhi | 905 |
| Maharashtra Institute of Technology | 879 |
| Maharashtra State Electricity Board | 856 |
| Maharshi Dayanand University | 436,451,876,1291,1360 |
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| Malaria Research Centre | 1143 |
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| Manipal Hospital | 1170 |
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| Manipur University | 68,73,339,577 |
| Manonmaniam Sundaranar University | 578 |
| Marathwada Agricultural University | 45,111 |
| Marathwada University | 12,241,448,1377 |
| Marwari College | 745,1094 |
| Maulana Azad College | 831 |
| Maulana Azad Medical College | 1209,1261,1266 |
| Medical College, Calicut | 1191 |
| Meenakshi College for Women | 1310 |
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| Model Science College, Jabalpur | 1410 |
| Modern College of Arts, Science and Commerce | 480 |
| Mongunadu Arts & Science College | 523 |
| Motilal Vigyan Adarsh Mahavidyalaya | 116,755 |
| Muthurangam Government Arts College | 767 |




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| Mysore University | 410,794,827 |
| N.A.A.C.S.M.H.W. Science College | 722 |
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| N.R.E.C. College | 709 |
| Nagarjuna University | 252,389,1086 |
| Nagpur University | 212,637,1361 |
| Narain College | 487 |
| Narendra Deva University of Agriculture & Technology | 27,88,91,112 |
| Narsinha Dutt College | 1419 |
| National Aeronautical Laboratory | 864,979,982,1029 |
| National Botanical Research Institute | 229,326 |
| National Bureau of Fish Genetic Resources | 357 |
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| National Dairy Research Institute | 107,1133 |
| National Dairy Development Board | 191 |
| National Environmental Engineering Research Institute | 213,897 |
| National Geophysical Research Institute | 774,788 |
| National Institute of Advanced Studies | 1150 |
| National Institute of Cholera & Enteric Diseases | 1248,1249 |
| National Institute of Hydrology | 781 |
| National Institute of Immunology | 189,198,298,314,315 |
| National Institute of Mental Health & Neuro Sciences | 170,1144,1197 |
| National Institute of Occupational Health | 263 |
| National Institute of Oceanography | 270,773 |
| National Institute of Rehabilitation Training & Research | 1050 |
| National Institute of Rock Mechanics | 909 |
| National Institute of Social Science | 782 |
| National Institute of Virology | 1246 |
| National Metallurgical Laboratory | 679 |
| National Physical Laboratory | 1001,1010,1016 |
| National Research Centre for Spices | 37 |
| National Research Centre on Camel | 144 |
| National Thermal Power Corporation | 846 |
| Nevjabai Hitkarni College | 499 |
| New Arts, Commerce & Science College | 525 |




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| Institute | Record No. |
|---|---|
| New Delhi Tuberculosis Centre | 1225 |
| Neyveli Lignite Corporation Ltd. | 39 |
| Nizam College | 428,1371 |
| Nizam's Institute of Medical Sciences | 1022,1153,1213 |
| North Bengal University | 366,397,597,598 |
| North Eastern Hill University | 7,169,253,295,334,579,580,613,784, 1073,1303 |
| North Gauhati College | 737 |
| Odapada Panchayat Samiti College | 537 |
| Oil and Natural Gas Commission | 792 |
| Orissa University of Agriculture & Technology | 115,138 |
| Osmania Medical College | 1242 |
| Osmania University | 185,215,231,288,374,379,394,398,416, 421,424,427,797,811,1079,1084,1278, 1350,1376 |
| P.D.A. College of Engineering | 969 |
| P.D.V.R. | 83 |
| P.G. College | 475 |
| P.G. College of Science | 699 |
| P.G. Institute of Basic Medical Sciences | 182,1155, |
| P.G. Institute of Medical Education & Research | 201,254,1123,1124,1132,1164,1167,1179, 1183,1187,1192,1195,1196,1203,1204, 1212,1215,1218,1222,1224 |
| P.S.G. College of Arts and Science | 754 |
| P.S.G. College of Technology | 892,894, |
| P.V.P.College of Arts Science and Commerce | 462 |
| Pace Elcot Automation Limited | 924 |
| Pachhunga University College (NEHU) | 1306 |
| Physical Research Laboratory | 1146,1281,1283,1311, |
| Pondicherry Engineering College | 962 |
| Pondicherry University | 277,1342 |
| Poona University | 307,320,409,419,452,607,617,655,668, 824,888,917,1039,1043,1117,1118,1297, 1298,1302,1359 |
| Prananath College | 1400 |
| Presidency College, Calcutta | 551,772,832 |
| Presidency College, Madras | 691 |
| Pt. L.M.S. Government (PG) College | 174 |




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| Institute | Record No. |
|---|---|
| Pt. Ravishankar Shukla University | 331,676,692 |
| Punjab Agricultural University | 54,61,71,74,75,77,87,94,100,114,124, 137 |
| Punjab State Electricity Board | 855 |
| Punjab University | 8,207,391,417,439,581,599,953,1021, 1068,1165,1264,1309,1355,1374 |
| Punjabi University | 437,440,445,1336,1346,1370,1382 |
| Punjabrao Krishi Vidyapeeth | 47 |
| R.B.S. College | 146 |
| R.P.G. College of Arts & Science | 730 |
| R.V. Engineering College | 1047 |
| R.V.R. & J.C. OP College of Engineering | 723 |
| Rajasthan Communiction Ltd. | 935 |
| Rajasthan University | 192,319,414,585,646,688,1070,1280, 1282,1343 |
| Rajdhani College | 1090 |
| Rajendra Agricultural University | 13 |
| Rajendra Memorial Research Institute of Medical Sciences | 1244 |
| Ramakrishna Dwarika College | 724 |
| Ramakrishna Mission Ashram | 225 |
| Ramlal Anand College | 549 |
| Rammohan College | 538 |
| Ranchi College | 405,463,505 |
| Rangia College | 489 |
| Rani Durgavati University | 259,297,337 |
| Ravenshaw College | 268,459,474,500,687,706 |
| Regional Cancer Centre | 1208 |
| Regional College of Education | 244 |
| Regional Engineering College, Calicut | 984 |
| Regional Engineering College, Tiruchirapalli | 929 |
| Regional Horticultural Research Station | 136 |
| Regional Medical Research Centre for Tribal | 1258 |
| Regional Medical Research Centre, Bhubaneswar | 1252 |
| Regional Research Laboratory, Bhopal | 113,849,1363 |
| Regional Research Laboratory, Bhubaneswar | 256,633,1004,1148,1301 |
| Regional Research Laboratory, Jammu Tawi | 206 |




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| Institute | Record No. |
|---|---|
| Regional Research Laboratory, Jorhat | 205,638, |
| Regional Research Laboratory, Thiruvananthapuram | 629,656,659,681,1328 |
| Regional Research Station, Shimla | 131 |
| Roorkee University | 261,450,586,639,649,695,770,789,790, 791,880,959,960,994,995,1025,1051, 1057,1151,1289,1356 |
| Rural Works Department | 1030 |
| S.A. Jaipuria College | 1098 |
| S.B.P. Government College | 271 |
| S.C. College | 1095 |
| S.D. College | 517 |
| S.F.R. College | 768 |
| S.G.S. Institute of Technology & Science | 970 |
| S.K.B.R. College | 477 |
| S.N. Medical College | 1206 |
| S.N.D.T. Women's University | 885 |
| S.R. & B.G.N.R. Government College | 476 |
| S.R. Women's College | 1401 |
| S.R.K.R. Engineering College | 1053,1054 |
| S.S.G.M. College | 1390 |
| S.S.L. Jain (PG) College | 526 |
| S.V. Degree College | 1399 |
| S.V. University P.G. Centre | 1362 |
| S.V.T. College of Home Science | 1272 |
| SANKET | 934 |
| SARITA Society | 783 |
| SPIC Science Foundation | 81 |
| Sacred Heart College | 725 |
| Saheed Bhagat Singh College | 1100 |
| Sailabala Women's College | 1268,1271 |
| Saleem Ali Centre for Ornithology & Natural History | 238 |
| Salipur College | 750 |
| Samrat Ashok Technical Institute | 972,973 |
| Sanjay Gandhi P.G. Institute of Medical Sciences | 1110,1141,1154,1231,1243 |
| Sant Yadavbaba Shikshan Prasarak Mandal Relegan Siddhi | 933 |
| Sarah Tucker College | 516 |




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| Institute | Record No. |
|---|---|
| Saraswati (PG) College | 746 |
| Saraswati Degree College | 497 |
| Sardar Patel University | 600,1034,1305,1365,1373 |
| Saurashtra University | 267 |
| School of Planning | 964 |
| School of Sciences | 533 |
| Seth G.S. Medical College | 1130 |
| Shahibganj College | 403 |
| Shia Degree College | 1088 |
| Shivaji University | 220,582,616,661,694,701,830 |
| Shivalik College | 837 |
| Shivasadan Renewable Engery Research Institute | 266 |
| Shri Guru Gobind Singhji College of Engineering | 976 |
| Shri Vidyasagar College | 541 |
| Shriram Institute for Industrial Research | 208,610 |
| Sibsagar College | 766 |
| Sikkim Government College | 601 |
| Singareni Collieries Co. Ltd. | 910 |
| Solid State Physics Laboratory | 919 |
| South Gujarat University | 447 |
| Space Application Centre | 1315,1316 |
| Sree Chitra Tirunal Inst. for Medical Science & Technology | 1008,1152 |
| Sri Guru Tej Bahadur Khalsa College | 721 |
| Sri Jai Narain Degree College | 466 |
| Sri Jayachamarajendra College of Engineering | 966,967 |
| Sri K.G.S. Arts College | 734 |
| Sri Kalyan Government College | 554 |
| Sri Krishnadevaraya University | 383,1288,1379 |
| Sri Padmavati Mahilaya Viswavidyalaya | 444 |
| Sri Paramakalyani College | 741 |
| Sri R.K. Vidyalaya Arts College | 1395 |
| Sri Ramasamy Naidu Memorial College | 739 |
| Sri Venkateswara College | 204 |
| Sri Venkateswara University | 305,425,434,635,1077,1078,1080,1085, 1375 |
| Sri Vithaldas Thackersay College | 1269 |




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| Institute | Record No. |
|---|---|
| Sri Vyasa N.S.S. College | 759 |
| St. Aloysius College | 435 |
| St. Bedes College | 1411 |
| St. Edmunds College | 493 |
| St. John's Medical College | 1235 |
| St. Joseph's College | 372 |
| St. Philomena's College | 718 |
| St. Thomas College | 470 |
| St. Xavier's College | 407,502 |
| Sugarcane Breeding Institute | 18 |
| T.D. College | 1101 |
| T.N.B. College | 728 |
| Tamil Nadu Electricity Board | 840 |
| Tamil Nadu G.D. Naidu Agricultural University | 10,11,40,41,67,109,121,143 |
| Tamil Nadu Rice Research Institute | 21,106 |
| Tamil Nadu Veterinary and Animal Sciences University | 9 |
| Tata (PG) College | 522 |
| Tata Energy Research Institute | 147 |
| Tata Institute of Fundamental Research | 322,1314 |
| Technological Institute of Textile & Sciences | 965 |
| Temperate Horticultural Research Station | 132 |
| Thapar Institute of Engineering & Technology | 866,1052 |
| Tinsukia College | 762 |
| Tirhut College of Agriculture | 122 |
| Tripura University | 583 |
| Tuberculosis Medical Research Centre | 1257 |
| Tuljaram Chaturchand College | 479,518 |
| UV College of Engineering | 949 |
| Udai Pratap College | 1418 |
| Union Christain College | 514 |
| University College of Medical Sciences, Delhi | 1193,1217 |
| University College of Science, Calcutta | 1131,1312 |
| University College of Science, Hyderabad | 1366 |
| University College, Kurukshetra | 546 |
| Utkal University | 243,705 |




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| Institute | Record No. |
|---|---|
| V.O. Chidambaram College | 469,483,544 |
| V.P. & R.P.T.P. Science College | 736,1392 |
| V.S.S.D. College | 1406 |
| Vellalar College for Women | 460 |
| Vidyasagar Evening College | 1387 |
| Vidyasagar University | 587,1082 |
| Vikram University | 96,368,393 |
| Vinodini (PG) College | 835 |
| Visva Bharati | 350,354,382,708,1299,1341 |
| Viswesvaraya Regional Engineering College | 946 |
| Vivekananda Institute of Medical Sciences | 1260 |
| Voorhees College | 513 |
| Wadia Institute of Himalayan Geology | 820 |
| Walchand College of Engineering | 975 |
| Women's College, Hyderabad | 482 |
| Women's College, Ranchi | 509 |
| Yadava College | 510,512,528 |
| Zakir Husain College | 756,1105 |
| Zoological Survey of India | 306 |




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*Annexure 1*

# ADDRESS OF FUNDING AGENCIES

1. Department of Atomic Energy
Anushakti Bhavan
Chhatrapati Shivaji Maharaj Marg
Bombay - 400039

2. Department of Bio-Technology
Block 2 (6-8 floor)
C.G.O. Complex
Lodi Road
New Delhi-110003

3. Central Mine Planning and Design Institute Limited
(Department of Coal)
Gondwana Place
Ranchi-834008

4. Ministry of Human Resource Development
Department of Education
Shastri Bhavan
New Delhi-110001

5. Department of Electronics
Electronics Niketan
6, C.G.O. Complex
Lodi Road
New Delhi-110003

6. Department of Ocean Development
Mahasagar Bhavan
Block-12, C.G.O. Complex
Lodi Road
New Delhi-110003

7. Department of Science and Technology
Technology Bhavan
New Mehrauli Road
New Delhi-110016

8. Ministry of Environment and Forests
Paryavaran Bhavan
C.G.O. Complex
Lodi Road
New Delhi-110003

9. Ministry of Non-Conventional Energy Sources
Block No.14
C.G.O. Complex
Lodi Road
New Delhi-110003

10. District Rehabilitation Centre Scheme
Ministry of Welfare
4, Vishnu Digamber Marg (IPH Complex)
New Delhi-110002

11. Central Board of Irrigation and Power
Malcha Marg
Chanakya Puri
New Delhi-110021

12. Council of Scientific and Industrial Research
CSIR Complex, Pusa
New Delhi-110012

Headquarters: Rafi Marg, New Delhi-110001

13. Defence Research and Development Organisation
Ministry of Defence
Directorate of Training and Sponsored Research
B-Wing, Sena Bhavan
New Delhi-110011

14. Indian Council of Agricultural Research
Krishi Bhavan
Dr. Rajendra Prasad Road
New Delhi-110001

15. Indian Council of Medical Research
Ansari Nagar
Post Box 4508
New Delhi-110029

16. Indian Space Research Organisation
Department of Space
ISRO Headquarters
Antariksh Bhavan
New Bel Road
Bangalore-560094

17. University Grants Commission
Bahadurshah Zafar Marg
New Delhi-110002



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*Annexure 2*

# INSTITUTE-WISE NUMBER OF PROJECTS AND TOTAL APPROVED COST (1992-93)

| Institute | Total Number of Projects | Total Approved Cost (Rs. Lakhs) |
|---|---|---|
| Indian Institute of Science | 45 | 499.56 |
| National Dairy Development Board | 1 | 486.23 |
| Central Mechanical Engineering Research Institute | 1 | 350.00 |
| National Institute of Immunology | 5 | 340.20 |
| Singareni Collieries Co. Ltd. | 1 | 237.10 |
| Indian Institute of Technology, Bombay | 26 | 213.80 |
| Indian Institute of Technology, Kanpur | 23 | 200.09 |
| Indian Agricultural Research Institute | 9 | 195.28 |
| Banaras Hindu University | 36 | 185.35 |
| All India Institute of Medical Sciences | 25 | 179.81 |
| National Dairy Research Institute | 2 | 172.89 |
| Jadavpur University | 5 | 167.99 |
| Sugarcane Breeding Institute | 1 | 167.40 |
| Delhi University | 21 | 151.81 |
| Defence Research Development Laboratory | 1 | 150.00 |
| Composite Product Centre | 1 | 147.95 |
| Indian Institute of Chemical Biology | 6 | 136.52 |
| Central Institute for Freshwater Aquaculture | 4 | 133.87 |
| National Chemical Laboratory | 9 | 129.15 |
| Anna University | 11 | 125.29 |
| Central Institute for Research on Buffaloes | 1 | 122.06 |
| Institute of Microbial Technology | 2 | 119.21 |
| Indian Institute of Technology, Delhi | 19 | 118.88 |
| Roorkee University | 21 | 113.59 |
| Malaria Research Centre | 1 | 113.13 |
| Central Institute of Brackishwater Aquaculture | 3 | 108.64 |
| Indian Institute of Technology, Madras | 14 | 105.08 |
| Punjab University | 15 | 103.09 |
| Central Scientific Instruments Organisation | 8 | 98.52 |
| Directorate of Pulses Research | 1 | 90.71 |
| Burdwan University | 3 | 89.98 |
| Nizam's Institute of Medical Sciences | 3 | 89.41 |
| Space Application Centre | 2 | 85.12 |
| Indian Institute of Sugarcane Research | 1 | 84.74 |
| Poona University | 20 | 83.93 |
| Electronics Corporation of India Limited | 4 | 82.89 |
| Jawaharlal Nehru University | 9 | 82.65 |
| Bombay University | 8 | 81.62 |
| Osmania University | 19 | 80.12 |
| Devi Ahilya Vishwavidyalaya | 10 | 74.82 |
| Indian Institute of Technology, Kharagpur | 16 | 72.05 |
| Central Power Research Institute | 4 | 70.65 |
| Tamil Nadu Rice Research Institute | 2 | 68.61 |
| National Physical Laboratory | 3 | 67.90 |



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ANNEXURE 2 CONTD.

| Institute | Total Number of Projects | Total Approved Cost (Rs. Lakhs) |
|---|---|---|
| Indian Association for the Cultivation of Science | 7 | 63.15 |
| Hyderabad University | 11 | 61.78 |
| Hindustan Aeronautics Limited | 1 | 60.00 |
| Rajasthan University | 10 | 58.97 |
| Punjab Agricultural University | 12 | 58.26 |
| Calcutta University | 10 | 57.40 |
| Madras University | 19 | 53.84 |
| Central Electronics Engineering Research Institute | 6 | 48.65 |
| North Eastern Hill University | 11 | 47.65 |
| Madurai Kamaraj University | 11 | 47.37 |
| Rural Works Department | 1 | 42.90 |
| Andhra University | 17 | 42.65 |
| Tamil Nadu G.D. Naidu Agricultural University | 1 | 42.31 |
| P.G. Institute of Medical Education & Research | 20 | 41.39 |
| Kerala Agricultural University | 4 | 41.37 |
| Neyveli Lignite Corporation Ltd. | 1 | 40.59 |
| Punjabi University | 7 | 40.34 |
| Regional Research Laboratory, Thiruvananthapuram | 5 | 39.88 |
| Jai Narain Vyas University | 8 | 39.54 |
| Tata Institute of Fundamental Research | 2 | 39.54 |
| National Aeronautical Laboratory | 4 | 38.89 |
| National Botanical Research Institute | 2 | 38.43 |
| Sanjay Gandhi P.G. Institute of Medical Sciences | 5 | 37.78 |
| Regional Research Laboratory, Bhubaneswar | 5 | 37.50 |
| Central Leather Research Institute | 2 | 36.99 |
| Central Salt & Marine Chemicals Research Institute | 1 | 36.70 |
| Agricultural Sciences University, Bangalore | 6 | 36.68 |
| C.S. Azad University of Agriculture & Technology | 3 | 36.49 |
| Bidhan Chandra Krishi Vishwavidyalaya | 7 | 36.48 |
| National Environmental Engineering Research Institute | 2 | 36.26 |
| Central Rice Research Institute | 3 | 35.14 |
| Narendra Deva University of Agriculture & Technology | 4 | 34.43 |
| Ch. Charan Singh Haryana Agricultural University | 7 | 33.25 |
| Centre for Water Resources Development & Management | 2 | 32.77 |
| Bharathidasan University | 9 | 32.05 |
| Barkatullah Vishwavidyalaya | 3 | 32.05 |
| Shivaji University | 7 | 30.64 |
| Physical Research Laboratory | 4 | 30.51 |
| National Institute of Mental Health & Neuro Sciences | 3 | 27.03 |
| Sri Venkateswara College | 1 | 27.00 |
| G.B. Pant Institute of Himalayan Environment & Development | 3 | 26.96 |
| Christian Medical College | 5 | 26.53 |
| Jamia Hamdard | 2 | 26.36 |
| Inter University Consortium | 1 | 26.05 |
| Cancer Research Institute | 2 | 25.37 |
| Centre Food Technology Research Institute | 1 | 25.08 |
| Bharat Electronics Limited | 1 | 25.00 |
| Aligarh Muslim University | 9 | 24.86 |
| Central Glass and Ceramic Research Institute | 3 | 24.71 |
| Sri Venkateswara University | 9 | 23.97 |
| G.B. Pant University of Agriculture & Technology | 3 | 23.62 |



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ANNEXURE 2 CONTD.

| Institute | Total Number of Projects | Total Approved Cost (Rs. Lakhs) |
|---|---|---|
| ICAR Research Complex for NEH Region | 1 | 23.10 |
| CSIR Centre for Biochemicals | 3 | 22.87 |
| Gujarat Electricity Board | 1 | 22.85 |
| Mangalore University | 4 | 22.43 |
| Central Drug Research Institute | 5 | 21.99 |
| Gorakhpur University | 7 | 21.61 |
| Regional Research Laboratory, Bhopal | 3 | 21.47 |
| Regional Research Laboratory, Jorhat | 2 | 21.30 |
| Bose Institute | 5 | 21.12 |
| Sardar Patel University | 5 | 20.34 |
| National Bureau of Fish Genetic Resources | 1 | 20.13 |
| Maharshi Dayanand University | 5 | 20.09 |
| National Thermal Power Corporation | 1 | 19.51 |
| Institute of Cytology & Preventive Oncology | 2 | 19.25 |
| Industrial Toxicology Research Centre | 6 | 19.05 |
| SANKET | 1 | 18.73 |
| Karnatak University | 5 | 18.66 |
| Guru Nanak Dev University | 5 | 18.50 |
| Kurukshetra University | 6 | 18.26 |
| Visva Bharati | 6 | 18.17 |
| Himachal Pradesh Krishi Vishwavidyalaya | 4 | 18.14 |
| Pace Elcot Automation Limited | 1 | 18.06 |
| Central Soil Salinity Research Institute | 1 | 17.90 |
| Konkan Krishi Vidyapeeth | 5 | 17.85 |
| Annamalai University | 6 | 17.76 |
| Jammu University | 2 | 17.69 |
| University College of Science, Calcutta | 2 | 17.36 |
| Jiwaji University | 3 | 17.29 |
| Livestock Research Station | 1 | 16.81 |
| Jamia Millia Islamia | 2 | 16.77 |
| National Research Centre for Spices | 1 | 16.30 |
| Nagpur University | 3 | 16.09 |
| Indian Institute of Horticultural Research | 4 | 15.42 |
| Sree Chitra Tirunal Inst. for Medical Science & Technology | 2 | 15.32 |
| Regional Research Laboratory, Jammu Tawi | 1 | 15.00 |
| Central Agricultural Research Institute | 2 | 14.71 |
| Kakatiya University | 7 | 14.65 |
| Marathwada University | 4 | 14.38 |
| Madhya Pradesh Electricity Board | 3 | 14.35 |
| Assam Agricultural University | 3 | 13.89 |
| Dayalbagh Educational Institute | 4 | 13.74 |
| Central Institute of Medicinal & Aromatic Plants | 1 | 13.71 |
| Bhagalpur University | 4 | 13.46 |
| P.S.G. College of Technology | 2 | 13.01 |
| Ramakrishna Mission Ashram | 1 | 12.82 |
| Pondicherry University | 2 | 12.32 |
| Andhra Pradesh State Electricity Board | 1 | 12.00 |
| Samrat Ashok Technical Institute | 2 | 12.00 |
| Goa University | 3 | 11.97 |
| Indian Institute of Geomagnetism | 2 | 11.97 |
| Berhampur University | 4 | 11.69 |



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ANNEXURE 2 CONTD.

| Institute | Total Number of Projects | Total Approved Cost (Rs. Lakhs) |
|---|---|---|
| National Research Centre on Camel | 1 | 11.62 |
| Manipur University | 4 | 11.36 |
| North Bengal University | 4 | 11.16 |
| Gulbarga University | 2 | 11.00 |
| Indian School of Mines | 3 | 10.91 |
| Karnataka Electricity Board | 2 | 10.45 |
| Bharathiar University | 4 | 10.43 |
| Kerala University | 1 | 10.38 |
| National Institute of Oceanography | 2 | 10.28 |
| Institute of Jute Technology | 1 | 10.08 |
| M.S. University of Baroda | 3 | 10.05 |
| èJ.K. Institute of Applied Physics & Technology | 2 | 10.00 |
| Sri Jayachamarajendra College of Engineering | 2 | 10.00 |
| Regional Engineering College, Tiruchirapalli | 1 | 9.94 |
| National Institute of Advanced Studies | 1 | 9.90 |
| Dr. Harisingh Gour Vishwavidyalaya | 3 | 9.84 |
| P.G. Institute of Basic Medical Sciences | 2 | 9.57 |
| Maharashtra State Electricity Board | 1 | 9.50 |
| Agricultural Sciences University, Dharwad | 3 | 9.49 |
| Mysore University | 3 | 9.39 |
| Bengal Engineering College | 1 | 9.11 |
| M.L. Sukhadia University | 3 | 9.07 |
| Central Electrochemical Research Institute | 2 | 8.85 |
| Saleem Ali Centre for Ornithology & Natural History | 1 | 8.81 |
| Rani Durgavati University | 3 | 8.71 |
| C-MET | 1 | 8.37 |
| CMC Ltd. | 1 | 8.20 |
| Fredrick Institute of Plant Protection & Toxicology | 2 | 8.20 |
| Ravenshaw College | 6 | 8.09 |
| S.G.S. Institute of Technology & Science | 1 | 8.00 |
| P.D.A. College of Engineering | 1 | 8.00 |
| Viswesvaraya Regional Engineering College | 1 | 8.00 |
| Orissa University of Agriculture & Technology | 2 | 7.92 |
| Sant Yadavbaba Shikshan Prasarak Mandal Relegan Siddhi | 1 | 7.60 |
| Sri Krishnadevaraya University | 3 | 7.39 |
| Haryana State Electricity Board | 2 | 7.35 |
| Bangalore Institute of Technology | 1 | 7.26 |
| Rajendra Agricultural University | 1 | 7.16 |
| Institute for Research in Reproduction | 1 | 7.16 |
| B.M.S. College of Engineering | 1 | 7.00 |
| Centre for Earth Sciences Studies | 2 | 6.98 |
| Indian Statistical Institute | 2 | 6.86 |
| Andhra Pradesh Agricultural University | 2 | 6.82 |
| Maharashtra Association for the Cultivation of Science | 2 | 6.72 |
| Allahabad University | 4 | 6.56 |
| Agricultural College & Research Institute | 1 | 6.50 |
| National Institute of Rock Mechanics | 1 | 6.50 |
| Kalyani University | 3 | 6.43 |
| Birbal Sahani Institute of Palaeobotany | 1 | 6.34 |
| Institute of Science | 2 | 6.21 |
| Karnataka Regional Engineering College | 3 | 6.20 |



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ANNEXURE 2 CONTD.

| Institute | Total Number of Projects | Total Approved Cost (Rs. Lakhs) |
|---|---|---|
| Bhavnagar University | 1 | 6.19 |
| Pt. Ravishankar Shukla University | 3 | 6.18 |
| Birla Institute of Technology | 1 | 6.08 |
| Meenakshi College for Women | 1 | 6.04 |
| Vikram University | 3 | 6.04 |
| Malnad College of Engineering | 1 | 6.00 |
| School of Planning | 1 | 6.00 |
| Tamil Nadu Electricity Board | 1 | 6.00 |
| Nagarjuna University | 3 | 5.96 |
| Tirhut College of Agriculture | 1 | 5.93 |
| Tata Energy Research Institute | 1 | 5.81 |
| Directorate of Rice Research | 1 | 5.76 |
| Utkal University | 2 | 5.74 |
| Dr. Y.S. Parmar University of Horticulture & Forestry | 3 | 5.72 |
| Cotton Technological Research Laboratory | 1 | 5.70 |
| Kumaun University | 1 | 5.69 |
| Mahatma Gandhi Institute of Medical Sciences | 2 | 5.55 |
| Jawaharlal Nehru Krishi Vishwavidyalaya | 1 | 5.49 |
| Awadhesh Pratap Singh University | 2 | 5.45 |
| P.D.V.R. | 1 | 5.43 |
| Saurashtra University | 1 | 5.34 |
| Birla Institute of Technology and Science | 1 | 5.29 |
| Indian Institute of Management, Ahmedabad | 1 | 5.26 |
| Asutosh College | 1 | 5.25 |
| Shriram Institute for Industrial Research | 2 | 5.13 |
| Zoological Survey of India | 1 | 5.04 |
| Bombay College of Pharmacy | 1 | 5.00 |
| C.U. Shah College of Pharmacy | 1 | 5.00 |
| Malviya Regional Engineering College | 1 | 5.00 |
| National Institute of Hydrology | 1 | 5.00 |
| L.M. College of Pharmacy | 1 | 5.00 |
| JNTU College of Engineering, Anantpur | 1 | 5.00 |
| JNTU College of Engineering, Kukatpally | 1 | 5.00 |
| M.N. Regional Engineering College | 1 | 5.00 |
| Pondicherry Engineering College | 1 | 5.00 |
| Shri Guru Gobind Singhji College of Engineering | 1 | 5.00 |
| UV College of Engineering | 1 | 5.00 |
| Walchand College of Engineering | 1 | 5.00 |
| Technological Institute of Textile & Sciences | 1 | 5.00 |
| Jawaharlal Nehru Medical College | 1 | 4.90 |
| Central Tasar Research & Training Institute | 1 | 4.85 |
| Lucknow University | 2 | 4.85 |
| Kerala Forest Research Institute | 1 | 4.83 |
| Nizam College | 2 | 4.80 |
| Institute of Life Sciences | 1 | 4.79 |
| Regional College of Education | 1 | 4.76 |
| Thapar Institute of Engineering & Technology | 2 | 4.71 |
| Bangalore University | 2 | 4.70 |
| Central Inland Capture Fisheries Research Institute | 1 | 4.67 |
| Gujarat University | 2 | 4.65 |
| Bihar Agricultural University | 2 | 4.61 |



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ANNEXURE 2 CONTD.

| Institute | Total Number of Projects | Total Approved Cost (Rs. Lakhs) |
|---|---|---|
| Bihar University | 1 | 4.58 |
| Tripura University | 1 | 4.49 |
| Delhi College of Engineering | 1 | 4.48 |
| Himachal Pradesh University | 2 | 4.47 |
| Kamaraj College | 2 | 4.38 |
| Central Fuel Research Institute | 1 | 4.31 |
| Temperate Horticultural Research Station | 1 | 4.27 |
| Maharashtra Gandhi Smarak Nidhi | 1 | 4.25 |
| Regional Engineering College, Calicut | 1 | 4.18 |
| Central Plantation Crops Research Institute | 1 | 4.11 |
| Motilal Vigyan Adarsh Mahavidyalaya | 2 | 4.03 |
| Indian Council of Social Sciences Research | 1 | 4.00 |
| Gauhati University | 1 | 3.98 |
| S.R.K.R. Engineering College | 2 | 3.98 |
| S.N.D.T. Women's University | 1 | 3.85 |
| Presidency College, Calcutta | 3 | 3.83 |
| Kerala State Electricity Board | 1 | 3.80 |
| National Geophysical Research Institute | 2 | 3.74 |
| Punjab State Electricity Board | 1 | 3.60 |
| Regional Horticultural Research Station | 1 | 3.57 |
| Defence Metallurgical Research Laboratory | 1 | 3.56 |
| Seth G.S. Medical College | 1 | 3.49 |
| Bhabha Atomic Research Centre | 1 | 3.43 |
| National Institute of Cholera & Enteric Diseases | 2 | 3.43 |
| Vivekananda Institute of Medical Sciences | 1 | 3.41 |
| Oil and Natural Gas Commission | 1 | 3.40 |
| Shivasadan Renewable Engery Research Institute | 1 | 3.34 |
| Maharashtra Institute of Technology | 1 | 3.29 |
| Regional Research Station, Shimla | 1 | 3.25 |
| Decan College | 1 | 3.25 |
| Birsa Agricultural University | 1 | 3.24 |
| National Institute of Occupational Health | 1 | 3.20 |
| Sikkim Government College | 1 | 3.15 |
| Vidyasagar University | 2 | 3.10 |
| Botanical Survey of India (Southern Circle) | 1 | 3.07 |
| Rajasthan Communiction Ltd. | 1 | 3.00 |
| Pt. L.M.S. Government (PG) College | 1 | 2.99 |
| Government College for Women, Jammu Tawai | 1 | 2.94 |
| St. Joseph's College | 1 | 2.86 |
| SPIC Science Foundation | 1 | 2.77 |
| K.D. College | 1 | 2.76 |
| National Institute of Social Science | 1 | 2.75 |
| S.B.P. Government College | 1 | 2.75 |
| AVVM Sri Pushpam College | 2 | 2.68 |
| Sri Padmavati Mahilaya Viswavidyalaya | 1 | 2.61 |
| Christ Church College | 2 | 2.56 |
| Agra College | 3 | 2.56 |
| Tamil Nadu Veterinary and Animal Sciences University | 1 | 2.55 |
| University College of Medical Sciences, Delhi | 2 | 2.43 |
| All India Institute of Hygiene and Public Health | 1 | 2.41 |
| St. Xavier's College | 2 | 2.39 |



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ANNEXURE 2 CONTD.

| Institute | Total Number of Projects | Total Approved Cost (Rs. Lakhs) |
|---|---|---|
| B.J. Medical College | 1 | 2.38 |
| Institute of Child Health | 1 | 2.38 |
| St. John's Medical College | 1 | 2.38 |
| Marathwada Agricultural University | 2 | 2.32 |
| Government (PG) College, Chindwara | 1 | 2.26 |
| Indian Cardamom Research Institute | 1 | 2.20 |
| Lajpat Rai (PG) College | 2 | 2.17 |
| Wadia Institute of Himalayan Geology | 1 | 2.16 |
| N.R.E.C. College | 1 | 2.06 |
| Khadi and Village Industries | 1 | 2.02 |
| Manonmaniam Sundaranar University | 1 | 1.99 |
| Gujarat Cancer Research Institute | 1 | 1.87 |
| D.A.V. (PG) College, Dehradun | 4 | 1.86 |
| Madras Christian College | 3 | 1.86 |
| Pachhunga University College (NEHU) | 1 | 1.82 |
| M.M. (PG) College | 1 | 1.82 |
| Institute for Resources Management & Economic Development | 1 | 1.80 |
| Jamal Mohamed College | 1 | 1.79 |
| Agrawal College | 1 | 1.74 |
| S.N. Medical College | 1 | 1.74 |
| National Institute of Rehabilitation Training & Research | 1 | 1.70 |
| Gurukula Kangri Vishwavidyalya | 1 | 1.66 |
| Bombay Natural History Society | 1 | 1.63 |
| Central Tuber Crops Research Institute | 1 | 1.61 |
| Presidency College, Madras | 1 | 1.61 |
| P.G. College of Science | 1 | 1.61 |
| SARITA Society | 1 | 1.60 |
| Maulana Azad Medical College | 3 | 1.60 |
| Manipur Agricultural College | 1 | 1.55 |
| South Gujarat University | 1 | 1.55 |
| St. Aloysius College | 1 | 1.54 |
| Ranchi College | 3 | 1.54 |
| Cochin University of Science and Technology | 1 | 1.54 |
| Institute of Immunohaematology | 2 | 1.50 |
| Electrical Research Development Association | 1 | 1.49 |
| Madras Medical College | 1 | 1.46 |
| University College of Science, Hyderabad | 1 | 1.39 |
| Shahibganj College | 1 | 1.36 |
| National Metallurgical Laboratory | 1 | 1.35 |
| S.V. University P.G. Centre | 1 | 1.34 |
| Calicut University | 1 | 1.32 |
| Indian Institute of Bio-Behavioural Sciences | 1 | 1.30 |
| R.V. Engineering College | 1 | 1.30 |
| Centre for Research in Health | 2 | 1.30 |
| Hemvati Nandan Bahuguna Garhwal University | 1 | 1.22 |
| Agra University | 1 | 1.16 |
| Hooghly Mohsin College | 1 | 1.10 |
| K.G. Medical College | 3 | 1.02 |
| Casam College of Agriculture | 1 | 1.00 |
| Central Jalma Institute for Leprosy | 1 | 1.00 |
| Institute of Pathology | 1 | 1.00 |



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ANNEXURE 2 CONTD.

| Institute | Total Number of Projects | Total Approved Cost (Rs. Lakhs) |
|---|---|---|
| Regional Medical Research Centre, Bhubaneswar | 1 | 1.00 |
| Regional Medical Research Centre for Tribal | 1 | 1.00 |
| National Institute of Virology | 1 | 1.00 |
| Punjabrao Krishi Vidyapeeth | 1 | 1.00 |
| Rajendra Memorial Research Institute of Medical Sciences | 1 | 1.00 |
| Tuberculosis Medical Research Centre | 1 | 1.00 |
| Indian Institute of Health Management Research | 1 | 0.96 |
| R.B.S. College | 1 | 0.88 |
| Centre for Environmental and Development Research | 1 | 0.79 |
| College of Pharmacy, New Delhi | 2 | 0.79 |
| S.S.L. Jain (PG) College | 1 | 0.75 |
| Holkar Science College | 3 | 0.65 |
| Loyola College | 4 | 0.63 |
| Osmania Medical College | 1 | 0.62 |
| Dr. A.L. Mudaliar P.G. Institute of Basic Medical Sciences | 1 | 0.62 |
| Central Food Laboratory | 1 | 0.60 |
| Central Food Technological Research Institute | 1 | 0.60 |
| V.O. Chidambaram College | 3 | 0.59 |
| Dayanand Medical College | 1 | 0.59 |
| Haffkine Institute for Training and Testing | 1 | 0.58 |
| Regional Cancer Centre | 1 | 0.55 |
| Government Autonomous College of Science, Jabalpur | 2 | 0.50 |
| King Edward Memorial Hospital Research Centre | 1 | 0.47 |
| Sailabala Women's College | 2 | 0.47 |
| Medical College, Calicut | 1 | 0.45 |
| Directorate of Wheat Research | 1 | 0.45 |
| K.S.U.B. College | 2 | 0.45 |
| Yadava College | 3 | 0.44 |
| Ayurvedic and Unani Tibbia College | 1 | 0.42 |
| Ethiraj College for Women | 3 | 0.41 |
| Cancer Institute | 1 | 0.41 |
| B.N. College | 1 | 0.41 |
| Bajali College | 2 | 0.40 |
| Hindu College, Moradabad | 2 | 0.40 |
| Shivalik College | 1 | 0.40 |
| Maulana Azad College | 1 | 0.39 |
| C.R.M. Jat College | 1 | 0.38 |
| A.I.J.H.M. College | 2 | 0.37 |
| Tuljaram Chaturchand College | 2 | 0.37 |
| Goa Medical College | 1 | 0.36 |
| Zakir Husain College | 2 | 0.36 |
| Marwari College | 2 | 0.35 |
| Government Arts College, Karur | 2 | 0.33 |
| L.A.D. College | 1 | 0.32 |
| Chikkaiah Naicker College | 2 | 0.32 |
| G.T. Patil College | 2 | 0.31 |
| D.N.R. College | 2 | 0.30 |
| Institute of Tropical Meteorology | 1 | 0.30 |
| Vinodini (PG) College | 1 | 0.30 |
| V.P. & R.P.T.P. Science College | 2 | 0.28 |
| Tata (PG) College | 1 | 0.26 |



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ANNEXURE 2 CONTD.

| Institute | Total Number of Projects | Total Approved Cost (Rs. Lakhs) |
|---|---|---|
| Bhagawati Mahavidyalaya | 1 | 0.25 |
| Biswanath College | 1 | 0.25 |
| Government College for Women, Khammam | 1 | 0.25 |
| Government Kalasib College | 1 | 0.25 |
| Government Girls (PG) College, Bilaspur | 1 | 0.25 |
| G.F. College | 1 | 0.25 |
| Government College of Arts and Science, Aurangabad | 1 | 0.25 |
| Lady Irwin College | 1 | 0.25 |
| S.D. College | 1 | 0.25 |
| Vellalar College for Women | 1 | 0.25 |
| Abasaheb Garware College | 2 | 0.24 |
| Jagdamba Mahavidyalaya | 1 | 0.24 |
| Manipal Hospital | 1 | 0.24 |
| Voorhees College | 1 | 0.24 |
| Burdwan Raj College | 1 | 0.23 |
| Government Arts College, Thiruvannamalai | 1 | 0.23 |
| G.M. College | 1 | 0.23 |
| Saraswati (PG) College | 1 | 0.23 |
| Chhaju Ram Memorial Jat College | 1 | 0.22 |
| Digbol College | 1 | 0.22 |
| D.A.V. (PG) College, Muzaffarnagar | 1 | 0.22 |
| Rangia College | 1 | 0.22 |
| Sri Vyasa N.S.S. College | 1 | 0.22 |
| Women's College, Hyderabad | 1 | 0.22 |
| St. Bedes College | 1 | 0.22 |
| D.K. College | 1 | 0.21 |
| Government MSJ College, Bharatpur | 1 | 0.21 |
| Nevjabai Hitkarni College | 1 | 0.21 |
| School of Sciences | 1 | 0.21 |
| Prananath College | 1 | 0.21 |
| Sri R.K. Vidyalaya Arts College | 1 | 0.21 |
| Udai Pratap College | 1 | 0.21 |
| Lady Doak College | 1 | 0.20 |
| Bareilly College | 1 | 0.20 |
| B. Borooah College | 1 | 0.20 |
| Government Model Science College, Raipur | 1 | 0.20 |
| Government (PG) College, Uttarkashi | 1 | 0.20 |
| Government M.L.B. Arts & Commerce (Aut) College | 1 | 0.20 |
| J.R. College | 1 | 0.20 |
| Mangaldai College | 1 | 0.20 |
| K.N. Government (PG) College | 1 | 0.20 |
| Muthurangam Government Arts College | 1 | 0.20 |
| Maharajas College | 1 | 0.20 |
| Karnatak Science College | 1 | 0.20 |
| M.M. College | 1 | 0.20 |
| P.S.G. College of Arts and Science | 1 | 0.20 |
| S.V. Degree College | 1 | 0.20 |
| Sarah Tucker College | 1 | 0.20 |
| St. Philomena's College | 1 | 0.20 |
| Sri Vithaldas Thackersay College | 1 | 0.20 |
| Women's College, Ranchi | 1 | 0.20 |



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| Institute | Total Number of Projects | Total Approved Cost (Rs. Lakhs) |
|---|---|---|
| B.P. Baria Science Institute | 1 | 0.19 |
| Government College, Alwar | 1 | 0.19 |
| Gitam College of Engineering | 1 | 0.19 |
| Centre for Social Development | 1 | 0.19 |
| S.V.T. College of Home Science | 1 | 0.19 |
| Sri Ramasamy Naidu Memorial College | 1 | 0.18 |
| New Delhi Tuberculosis Centre | 1 | 0.18 |
| Union Christain College | 1 | 0.18 |
| Jawaharlal Institute of P.G. Medical Education & Research | 1 | 0.18 |
| Arulmigu Palaniandavar Arts College | 1 | 0.18 |
| Government College, Adampur | 1 | 0.18 |
| Dr. Ambedkar College | 1 | 0.18 |
| D.N. College | 1 | 0.18 |
| Government Victoria College | 1 | 0.18 |
| Cooperative College, Jamshedpur | 1 | 0.18 |
| Dr. A.V. Baliga College | 1 | 0.18 |
| Ramakrishna Dwarika College | 1 | 0.18 |
| Rammohan College | 1 | 0.18 |
| R.P.G. College of Arts & Science | 1 | 0.18 |
| Sri Guru Tej Bahadur Khalsa College | 1 | 0.18 |
| Sibsagar College | 1 | 0.18 |
| S.K.B.R. College | 1 | 0.17 |
| C.M.S. College | 1 | 0.17 |
| Narsinha Dutt College | 1 | 0.17 |
| St. Edmunds College | 1 | 0.17 |
| M.G.G.A. College | 1 | 0.17 |
| Berhampur Girls College | 1 | 0.16 |
| Dr. Ambedkar Government Arts College | 1 | 0.16 |
| M.S.J. College | 1 | 0.16 |
| Sacred Heart College | 1 | 0.16 |
| S.S.G.M. College | 1 | 0.16 |
| P.V.P.College of Arts Science and Commerce | 1 | 0.16 |
| Vidyasagar Evening College | 1 | 0.16 |
| Sri Jai Narain Degree College | 1 | 0.16 |
| Sri Kalyan Government College | 1 | 0.16 |
| Sri K.G.S. Arts College | 1 | 0.16 |
| Sri Paramakalyani College | 1 | 0.16 |
| Shri Vidyasagar College | 1 | 0.16 |
| Lady Brabowne College | 1 | 0.15 |
| B.V.M. (Engg) College | 1 | 0.15 |
| A.P.R. Degree College | 1 | 0.15 |
| Bhavan's New Science College | 1 | 0.15 |
| College of Science, Allahabad | 1 | 0.15 |
| Deshbandhu College | 1 | 0.15 |
| Devraj Roy College | 1 | 0.15 |
| Government College, Seema | 1 | 0.15 |
| Dungar Autonomous College | 1 | 0.15 |
| Government Girls College, Vidisha | 1 | 0.15 |
| Hindu College, Delhi | 1 | 0.15 |
| Government Benazir College, Bhopal | 1 | 0.15 |
| Government College, Daman | 1 | 0.15 |



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ANNEXURE 2 CONTD.

| Institute | Total Number of Projects | Total Approved Cost (Rs. Lakhs) |
|---|---|---|
| Narain College | 1 | 0.15 |
| M.L.W. Government College | 1 | 0.15 |
| Kirori Mal College | 1 | 0.15 |
| Midnapore College | 1 | 0.15 |
| N.M.S.S.V.N. College | 1 | 0.15 |
| Modern College of Arts, Science and Commerce | 1 | 0.15 |
| Lady Harding Medical College | 1 | 0.15 |
| Saheed Bhagat Singh College | 1 | 0.15 |
| Rajdhani College | 1 | 0.15 |
| P.G. College | 1 | 0.15 |
| Odapada Panchayat Samiti College | 1 | 0.15 |
| North Gauhati College | 1 | 0.15 |
| Saraswati Degree College | 1 | 0.15 |
| S.A. Jaipuria College | 1 | 0.15 |
| Shia Degree College | 1 | 0.15 |
| S.C. College | 1 | 0.15 |
| T.N.B. College | 1 | 0.15 |
| V.S.S.D. College | 1 | 0.15 |
| Tinsukia College | 1 | 0.15 |
| St. Thomas College | 1 | 0.15 |
| T.D. College | 1 | 0.15 |
| A.V.C. College | 1 | 0.14 |
| R.V.R. & J.C. OP College of Engineering | 1 | 0.14 |
| University College, Kurukshetra | 1 | 0.14 |
| Dharmapuram Ghanambikai Government Arts College | 1 | 0.13 |
| Mongunadu Arts & Science College | 1 | 0.13 |
| Brahamanand Keshab Chandra College | 1 | 0.12 |
| Graduate College for Women, Ranchi | 1 | 0.12 |
| Gogate Jogalekar College | 1 | 0.12 |
| Model Science College, Jabalpur | 1 | 0.12 |
| S.F.R. College | 1 | 0.12 |
| Ramlal Anand College | 1 | 0.12 |
| Government Arts College, Salem | 1 | 0.12 |
| A.B.V. Degree College | 1 | 0.11 |
| C. Abdul Fakeem College | 1 | 0.11 |
| N.A.A.C.S.M.H.W. Science College | 1 | 0.11 |
| G.G.D.S.D. College | 1 | 0.10 |
| New Arts, Commerce & Science College | 1 | 0.10 |
| Basaveshwar Science College | 1 | 0.10 |
| Government College, Rajamundry | 1 | 0.10 |
| Government College, Kishangar | 1 | 0.10 |
| Gajmal Tulashiram Patil College | 1 | 0.10 |
| Jawaharlal Nehru College | 1 | 0.10 |
| M.G. Degree College | 1 | 0.10 |
| Salipur College | 1 | 0.10 |
| S.R. Women's College | 1 | 0.10 |
| Kamla Nehru Institute of Physics & Social Sciences | 1 | 0.10 |
| S.R. & B.G.N.R. Government College | 1 | 0.07 |
| Bombay Veterinary College | 1 | 0.05 |
| Government New Science College, Rewa | 1 | 0.05 |
| Individual Scientist | 11 | 46.49 |

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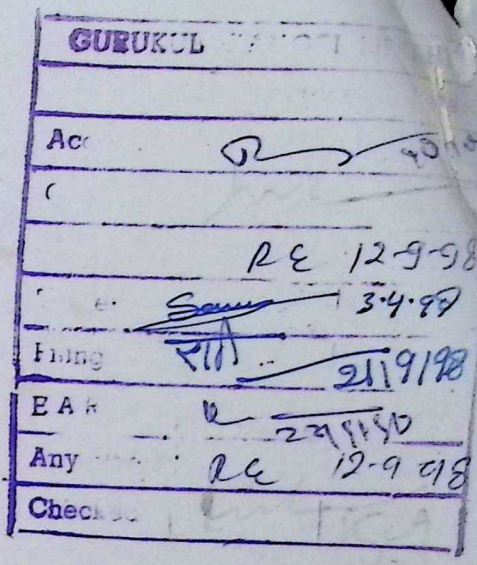


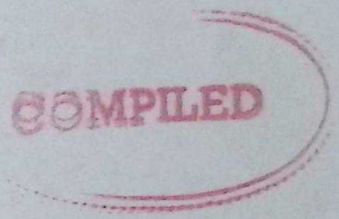


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